SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

Service $06 OBD Monitor ID by Model: Group 1

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Insight	Pilot	Odyssey	Ridgeline	Fit
A/F Sensor (Bank 1)	$01	$80	$11	X	X	X	X	X
	$01	$81	$14	X		X		
	$01	$82	$0B		X	X	X	
	$01	$83	$8D	X	X	X	X	X
	$01	$84	$8D	X	X	X	X	X
	$01	$85	$01	X	X	X	X	X
	$01	$86	$8D	X	X	X	X	X
	$01	$87	$14	X	X	X	X	X
	$01	$88	$0B		X	X	X	
A/F Sensor (Bank 2)	$05	$80	$11		X	X	X	
	$05	$81	$14			X		
	$05	$82	$0B		X	X	X	
	$05	$83	$8D		X	X	X	
	$05	$84	$8D		X	X	X	
	$05	$85	$01		X	X	X	
	$05	$86	$8D		X	X	X	
	$05	$87	$14		X	X	X	
	$05	$88	$0B		X	X	X	
Secondary HO2S (Bank 1)	$02	$98	$0B	X				
	$02	$99	$0B	X				
	$02	$9A	$0B	X	X	X	X	X
	$02	$9B	$10	X				
	$02	$9C	$0B	X	X	X	X	X
	$02	$9D	$0B		X	X	X	X
Secondary HO2S (Bank 2)	$06	$98	$0B					
	$06	$99	$0B					
	$06	$9A	$0B		X	X	X	
	$06	$9B	$10					
	$06	$9C	$0B		X	X	X	
	$06	$9D	$0B		X	X	X	

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

Service $06 OBD Monitor ID by Model: Group 1 (cont'd)

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Insight	Pilot	Odyssey	Ridgeline	Fit
Catalyst (Bank 1)	$21	$A0	$01	X				
	$21	$A1	$0B		X	X	X	X
Catalyst (Bank 2)	$22	$A0	$01					
	$22	$A1	$0B		X	X	X	
EGR System	$31	$D0	$32	X	X	X	X	X
	$31	$D1	$32	X	X	X	X	X
	$31	$D2	$39	X	X	X	X	X
	$31	$D3	$01	X	X	X	X	X
VTC (VVT) System	$35	$D4	$1C					
	$35	$D5	$1C					
	$35	$D6	$1C					
	$35	$D7	$1C					
	$35	$D9	$9C					
EVAP System	$39	$B2	$FD					
	$3A	$B3	$FD					
	$3A	$BA	$12	X	X	X	X	X
	$3C	$B4	$06	X	X	X	X	X
	$3C	$B5	$83	X	X	X	X	X
	$3C	$B6	$12	X	X	X	X	X
	$3C	$B7	$10	X	X	X	X	X
	$3C	$B8	$FE	X	X	X	X	X
	$3D	$B0	$FD	X				
	$3D	$B1	$FD	X				
	$3D	$B9	$30	X	X	X	X	X
	$3D	$BB	$30					
	$3D	$BC	$10					

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

Service $06 OBD Monitor ID by Model: Group 1 (cont'd)

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Insight	Pilot	Odyssey	Ridgeline	Fit
Fuel System (Bank 1)	$81	$D8	$05	X				
Fuel System (Bank 2)	$82	$D8	$05					
Misfire	$A2	$0B	$24	X	X	X	X	X
	$A2	$0C	$24	X	X	X	X	X
	$A3	$0B	$24	X	X	X	X	X
	$A3	$0C	$24	X	X	X	X	X
	$A4	$0B	$24	X	X	X	X	X
	$A4	$0C	$24	X	X	X	X	X
	$A5	$0B	$24	X	X	X	X	X
	$A5	$0C	$24	X	X	X	X	X
	$A6	$0B	$24		X	X	X	
	$A6	$0C	$24		X	X	X	
	$A7	$0B	$24		X	X	X	
	$A7	$0C	$24		X	X	X	

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

Service $06 OBD Monitor ID by Model: Group 2

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Accord L4	Accord V6	Civic (R18A1 Engine)	Civic (K20Z3 Engine)	Civic Hybrid
A/F Sensor (Bank 1)	$01	$80	$11	X	X	X	X	X
	$01	$81	$14			X	X	X
	$01	$82	$0B		X			
	$01	$83	$8D	X	X	X	X	X
	$01	$84	$8D	X	X	X		X
	$01	$85	$01	X	X	X		X
	$01	$86	$8D	X	X	X		X
	$01	$87	$14	X	X	X	X	X
	$01	$88	$0B		X			
A/F Sensor (Bank 2)	$05	$80	$11		X			
	$05	$81	$14					
	$05	$82	$0B		X			
	$05	$83	$8D		X			
	$05	$84	$8D		X			
	$05	$85	$01		X			
	$05	$86	$8D		X			
	$05	$87	$14		X			
	$05	$88	$0B		X			
Secondary HO2S (Bank 1)	$02	$98	$0B			X	X	X
	$02	$99	$0B			X	X	X
	$02	$9A	$0B	X	X	X	X	X
	$02	$9B	$10			X		X
	$02	$9C	$0B	X	X	X	X	X
	$02	$9D	$0B	X	X			
Secondary HO2S (Bank 2)	$06	$98	$0B					
	$06	$99	$0B					
	$06	$9A	$0B		X			
	$06	$9B	$10					
	$06	$9C	$0B		X			
	$06	$9D	$0B		X			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

Service $06 OBD Monitor ID by Model: Group 2 (cont'd)

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Accord L4	Accord V6	Civic (R18A1 Engine)	Civic (K20Z3 Engine)	Civic Hybrid
Catalyst (Bank 1)	$21	$A0	$01					X
	$21	$A1	$0B	X	X	X	X	
Catalyst (Bank 2)	$22	$A0	$01					
	$22	$A1	$0B		X			
EGR System	$31	$D0	$32		X	X		X
	$31	$D1	$32		X	X		X
	$31	$D2	$39		X	X		X
	$31	$D3	$01		X	X		
VTC (VVT) System	$35	$D4	$1C	X				
	$35	$D5	$1C					
	$35	$D6	$1C					
	$35	$D7	$1C					
	$35	$D9	$9C	X				
EVAP System	$39	$B2	$FD					X
	$3A	$B3	$FD					X
	$3A	$BA	$12	X	X	X	X	
	$3C	$B4	$06	X	X	X	X	X
	$3C	$B5	$83	X	X	X	X	X
	$3C	$B6	$12	X	X	X	X	X
	$3C	$B7	$10	X	X	X	X	X
	$3C	$B8	$FE	X	X	X	X	X
	$3D	$B0	$FD				X	X
	$3D	$B1	$FD				X	X
	$3D	$B9	$30	X	X	X	X	
	$3D	$BB	$30					
	$3D	$BC	$10					

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

Service $06 OBD Monitor ID by Model: Group 2 (cont'd)

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Accord L4	Accord V6	Civic (R18A1 Engine)	Civic (K20Z3 Engine)	Civic Hybrid
Fuel System (Bank 1)	$81	$D8	$05			X	X	X
Fuel System (Bank 2)	$82	$D8	$05					
Misfire	$A2	$0B	$24	X	X	X	X	X
	$A2	$0C	$24	X	X	X	X	X
	$A3	$0B	$24	X	X	X	X	X
	$A3	$0C	$24	X	X	X	X	X
	$A4	$0B	$24	X	X	X	X	X
	$A4	$0C	$24	X	X	X	X	X
	$A5	$0B	$24	X	X	X	X	X
	$A5	$0C	$24	X	X	X	X	X
	$A6	$0B	$24		X			
	$A6	$0C	$24		X			
	$A7	$0B	$24		X			
	$A7	$0C	$24		X			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

Service $06 OBD Monitor ID by Model: Group 3

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	CR-V	Element	Civic GX
A/F Sensor (Bank 1)	$01	$80	$11	X	X	X
	$01	$81	$14		X	X
	$01	$82	$0B			
	$01	$83	$8D	X	X	X
	$01	$84	$8D	X	X	X
	$01	$85	$01	X	X	X
	$01	$86	$8D	X	X	X
	$01	$87	$14	X	X	X
	$01	$88	$0B			
A/F Sensor (Bank 2)	$05	$80	$11			
	$05	$81	$14			
	$05	$82	$0B			
	$05	$83	$8D			
	$05	$84	$8D			
	$05	$85	$01			
	$05	$86	$8D			
	$05	$87	$14			
	$05	$88	$0B			
Secondary HO2S (Bank 1)	$02	$98	$0B		X	X
	$02	$99	$0B		X	X
	$02	$9A	$0B	X	X	X
	$02	$9B	$10		X	X
	$02	$9C	$0B	X	X	X
	$02	$9D	$0B	X		
Secondary HO2S (Bank 2)	$06	$98	$0B			
	$06	$99	$0B			
	$06	$9A	$0B			
	$06	$9B	$10			
	$06	$9C	$0B			
	$06	$9D	$0B			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

Service $06 OBD Monitor ID by Model: Group 3 (cont'd)

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	CR-V	Element	Civic GX
Catalyst (Bank 1)	$21	$A0	$01		X	X
	$21	$A1	$0B	X		
Catalyst (Bank 2)	$22	$A0	$01			
	$22	$A1	$0B			
EGR System	$31	$D0	$32			
	$31	$D1	$32			
	$31	$D2	$39			
	$31	$D3	$01			
VTC (VVT) System	$35	$D4	$1C	X		
	$35	$D5	$1C			
	$35	$D6	$1C			
	$35	$D7	$1C			
	$35	$D9	$9C	X		
EVAP System	$39	$B2	$FD			
	$3A	$B3	$FD			
	$3A	$BA	$12	X	X	
	$3C	$B4	$06	X	X	
	$3C	$B5	$83	X	X	
	$3C	$B6	$12	X	X	
	$3C	$B7	$10	X	X	
	$3C	$B8	$FE	X	X	
	$3D	$B0	$FD			
	$3D	$B1	$FD			
	$3D	$B9	$30	X	X	
	$3D	$BB	$30			
	$3D	$BC	$10			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

Service $06 OBD Monitor ID by Model: Group 3 (cont'd)

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	CR-V	Element	Civic GX
Fuel System (Bank 1)	$81	$D8	$05		X	X
Fuel System (Bank 2)	$82	$D8	$05			
Misfire	$A2	$0B	$24	X	X	X
	$A2	$0C	$24	X	X	X
	$A3	$0B	$24	X	X	X
	$A3	$0C	$24	X	X	X
	$A4	$0B	$24	X	X	X
	$A4	$0C	$24	X	X	X
	$A5	$0B	$24	X	X	X
	$A5	$0C	$24	X	X	X
	$A6	$0B	$24			
	$A6	$0C	$24			
	$A7	$0B	$24			
	$A7	$0C	$24			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

A/F Sensor (Bank 1)

OBD Monitor ID	$01	Test ID	$80	Unit and Scaling ID	$11
DTC		P0134			
Test Description		Check of A/F sensor "non-activation" time. See Test ID $81 and $82 for "non-activation" criteria.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.1 (sec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.1 (sec.)			

OBD Monitor ID	$01	Test ID	$81	Unit and Scaling ID	$14
DTC		P0134			
Test Description		Check of A/F sensor "non-activation" by monitoring the sensor element resistance.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (Ω) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (Ω)			

OBD Monitor ID	$01	Test ID	$82	Unit and Scaling ID	$0B
DTC		P0134			
Test Description		Check of A/F sensor "non-activation" by monitoring the sensor cell voltage.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (V) The lowest limit value: Output value (Decimal) x 0.01 (V) The highest limit value: Output value (Decimal) x 0.01 (V)			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$01	Test ID	$83	Unit and Scaling ID	$8D
DTC		P2195			
Test Description		Check of the A/F sensor "too lean" by monitoring the A/F sensor signal.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.003906 (mA) The lowest limit value: Output value (Decimal) x 0.003906 (mA) The highest limit value: Not applicable			

OBD Monitor ID	$01	Test ID	$84	Unit and Scaling ID	$8D
DTC		P2A00			
Test Description		Check of A/F sensor rationality by monitoring the sensor signal during fuel cut condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.003906 (mA) The lowest limit value: Output value (Decimal) x 0.003906 (mA) The highest limit value: Output value (Decimal) x 0.003906 (mA)			

OBD Monitor ID	$01	Test ID	$85	Unit and Scaling ID	$01
DTC		P0133			
Test Description		Response check of A/F sensor by monitoring the amplitude of filtered sensor signal during stable driving condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: No unit The lowest limit value: No unit The highest limit value: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$01	Test ID	$86	Unit and Scaling ID	$8D
DTC		P1172			
Test Description		Check of A/F sensor "out of range" by monitoring the sensor signal.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.003906 (mA) The lowest limit value: Output value (Decimal) x 0.003906 (mA) The highest limit value: Not applicable			

OBD Monitor ID	$01	Test ID	$87	Unit and Scaling ID	$14
DTC		P0134			
Test Description		Check of A/F sensor "non-activation" by monitoring the sensor element resistance during A/F feedback control.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (Ω) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (Ω)			

OBD Monitor ID	$01	Test ID	$88	Unit and Scaling ID	$0B
DTC		P0134			
Test Description		Check of A/F sensor "non-activation" by monitoring the sensor cell voltage during A/F feedback control.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (V) The lowest limit value: Output value (Decimal) x 0.01 (V) The highest limit value: Output value (Decimal) x 0.01 (V)			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

A/F Sensor (Bank 2)

OBD Monitor ID	$05	Test ID	$80	Unit and Scaling ID	$11
DTC		P0154			
Test Description		Check of A/F sensor "non-activation" by monitoring the sensor non-activation time.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.1 (sec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.1 (sec.)			

OBD Monitor ID	$05	Test ID	$81	Unit and Scaling ID	$14
DTC		P0154			
Test Description		Check of A/F sensor "non-activation" by monitoring the sensor element resistance.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (Ω) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (Ω)			

OBD Monitor ID	$05	Test ID	$82	Unit and Scaling ID	$0B
DTC		P0154			
Test Description		Check of A/F sensor "non-activation" by monitoring the sensor cell voltage.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (V) The lowest limit value: Output value (Decimal) x 0.01 (V) The highest limit value: Output value (Decimal) x 0.01 (V)			

OBD Monitor ID	$05	Test ID	$83	Unit and Scaling ID	$8D
DTC		P2197			
Test Description		Check of the A/F sensor "too lean" by monitoring the A/F sensor signal.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.003906 (mA) The lowest limit value: Output value (Decimal) x 0.003906 (mA) The highest limit value: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$05	Test ID	$84	Unit and Scaling ID	$8D
DTC		P2A03			
Test Description		Check of A/F sensor rationality by monitoring the sensor signal during fuel cut condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.003906 (mA) The lowest limit value: Output value (Decimal) x 0.003906 (mA) The highest limit value: Output value (Decimal) x 0.003906 (mA)			

OBD Monitor ID	$05	Test ID	$85	Unit and Scaling ID	$01
DTC		P0153			
Test Description		Response check of A/F sensor by monitoring the amplitude of filtered sensor signal during stable driving condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: No unit The lowest limit value: No unit The highest limit value: Not applicable			

OBD Monitor ID	$05	Test ID	$86	Unit and Scaling ID	$8D
DTC		P1174			
Test Description		Check of A/F sensor "out of range" by monitoring the sensor signal.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.003906 (mA) The lowest limit value: Output value (Decimal) x 0.003906 (mA) The highest limit value: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$05	Test ID	$87	Unit and Scaling ID	$14
DTC		P0154			
Test Description		Check of A/F sensor "non-activation" by monitoring the sensor element resistance during A/F feedback control.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (Ω) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (Ω)			

OBD Monitor ID	$05	Test ID	$88	Unit and Scaling ID	$0B
DTC		P0154			
Test Description		Check of A/F sensor "non-activation" by monitoring the sensor cell voltage during A/F feedback control.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (V) The lowest limit value: Output value (Decimal) x 0.01 (V) The highest limit value: Output value (Decimal) x 0.01 (V)			

Secondary HO2S (Bank 1)

OBD Monitor ID	$02	Test ID	$98	Unit and Scaling ID	$0B
DTC		P2270			
Test Description		Check of secondary heated oxygen sensor signal "lean" stuck by monitoring the sensor output voltage after fuel cut condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Output value (Decimal) x 0.001 (V) The highest limit value: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$02	Test ID	$99	Unit and Scaling ID	$0B
DTC		P2271			
Test Description		Check of secondary heated oxygen sensor signal "rich" stuck by monitoring the sensor output voltage after fuel cut condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (V)			

OBD Monitor ID	$02	Test ID	$9A	Unit and Scaling ID	$0B
DTC		P0137			
Test Description		Circuit check of secondary heated oxygen sensor by monitoring the sensor output voltage.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (V)			

OBD Monitor ID	$02	Test ID	$9B	Unit and Scaling ID	$10
DTC		P0139			
Test Description		Response check of secondary heated oxygen sensor by monitoring the sensor output voltage after fuel cut condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (sec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (sec.)			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$02	Test ID	$9C	Unit and Scaling ID	$0B
DTC		P0138			
Test Description		Circuit check of secondary heated oxygen sensor by monitoring the sensor output voltage.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Output value (Decimal) x 0.001 (V) The highest limit value: Not applicable			

OBD Monitor ID	$02	Test ID	$9D	Unit and Scaling ID	$0B
DTC		P0139			
Test Description		Response check of secondary heated oxygen sensor by monitoring the sensor output voltage during fuel cut condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (V)			

Secondary HO2S (Bank 2)

OBD Monitor ID	$06	Test ID	$9A	Unit and Scaling ID	$0B
DTC		P0157			
Test Description		Circuit check of secondary heated oxygen sensor by monitoring the sensor output voltage.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (V)			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$06	Test ID	$9C	Unit and Scaling ID	$0B
DTC		P0158			
Test Description		Circuit check of secondary heated oxygen sensor by monitoring the sensor output voltage.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Output value (Decimal) x 0.001 (V) The highest limit value: Not applicable			

OBD Monitor ID	$06	Test ID	$9D	Unit and Scaling ID	$0B
DTC		P0159			
Test Description		Response check of secondary heated oxygen sensor by monitoring the sensor output voltage during fuel cut condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (V)			

Catalyst (Bank 1)

OBD Monitor ID	$21	Test ID	$A0	Unit and Scaling ID	$01
DTC		P0420			
Test Description		Catalyst capability, monitored by measuring the fluctuation of the secondary heated oxygen sensor output value.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: No unit The lowest limit value: Not applicable The highest limit value: No unit			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$21	Test ID	$A1	Unit and Scaling ID	$0B
DTC		P0420			
Test Description		Catalyst capability, monitored by measuring the stability of the secondary heated oxygen sensor output value.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (V)			

Catalyst (Bank 2)

OBD Monitor ID	$22	Test ID	$A1	Unit and Scaling ID	$0B
DTC		P0430			
Test Description		Check of catalyst capability by monitoring the stability of the secondary heated oxygen sensor output value.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (V) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (V)			

EGR System

OBD Monitor ID	$31	Test ID	$D0	Unit and Scaling ID	$32
DTC		P0404			
Test Description		Check of EGR valve by comparing the actual valve lift value to the PCM commanded valve lift value.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.0000305 (inch) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.0000305 (inch)			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$31	Test ID	$D1	Unit and Scaling ID	$32
DTC		P2413			
Test Description		Check of EGR valve by comparing the actual valve lift value to the PCM commanded valve lift value.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value lift: Output value (Decimal) x 0.0000305 (inch) The lowest limit value lift: Output value (Decimal) x 0.0000305 (inch) The highest limit value lift: Not applicable			

OBD Monitor ID	$31	Test ID	$D2	Unit and Scaling ID	$39
DTC		P0401			
Test Description		Check EGR flow by monitoring the change in intake manifold pressure between EGR valve open and closed during fuel cut.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (%) The lowest limit value: Output value (Decimal) x 0.01 (%) The highest limit value: Not applicable			

OBD Monitor ID	$31	Test ID	$D3	Unit and Scaling ID	$01
DTC		P0400			
Test Description		Check for a broken EGR pipe by monitoring the A/F sensor output.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: No unit The lowest limit value: Not applicable The highest limit value: No unit			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

VTC (VVT) System

OBD Monitor ID	$35	Test ID	$D4	Unit and Scaling ID	$1C
DTC		P0011			
Test Description		Response check of VTC (VVT) system by monitoring divergence of actual camshaft angle from target angle.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (deg.) The lowest limit value: Output value (Decimal) x 0.01 (deg.) The highest limit value: Output value (Decimal) x 0.01 (deg.)			

OBD Monitor ID	$35	Test ID	$D9	Unit and Scaling ID	$9C
DTC		P0341			
Test Description		Check of the VTC (VVT) system by monitoring divergence of camshaft angle from basis position during VTC (VVT) system stop.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (deg.) The lowest limit value: Output value (Decimal) x 0.01 (deg.) The highest limit value: Output value (Decimal) x 0.01 (deg.)			

EVAP System

OBD Monitor ID	$39	Test ID	$B2	Unit and Scaling ID	$FD
DTC		P0457			
Test Description		Loose fuel cap check or large (gross) leak check of EVAP system by monitoring the fuel tank pressure sensor signal while EVAP system is decompressing.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (kPa) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (kPa)			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$3A	Test ID	$B3	Unit and Scaling ID	$FD
DTC		P0455			
Test Description		Large (gross) leak check of EVAP system by monitoring the fuel tank pressure sensor signal while EVAP system is decompressing.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (kPa) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (kPa)			

OBD Monitor ID	$3A	Test ID	$BA	Unit and Scaling ID	$12
DTC		P0455			
Test Description		Large (gross) leak check of EVAP system by monitoring time of the fuel tank pressure sensor value which is equal atmosphere after the engine off. (EONV)			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1.0 (sec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1.0 (sec.)			

OBD Monitor ID	$3C	Test ID	$B4	Unit and Scaling ID	$06
DTC		P0456			
Test Description		Leak check of EVAP system by monitoring the fuel tank pressure sensor value after the engine off. (EONV)			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.000305 The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.000305			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$3C	Test ID	$B5	Unit and Scaling ID	$83
DTC		P0456			
Test Description		Leak check of EVAP system by monitoring the fuel tank pressure sensor value after the engine off. (EONV)			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.01			

OBD Monitor ID	$3C	Test ID	$B6	Unit and Scaling ID	$12
DTC		P0456			
Test Description		Leak check of EVAP system by monitoring time of the fuel tank pressure sensor value which is equal atmosphere after the engine off. (EONV)			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1.0 (sec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1.0 (sec.)			

OBD Monitor ID	$3C	Test ID	$B7	Unit and Scaling ID	$10
DTC		P0456			
Test Description		Check of fuel tank pressure sensor signal unstable after the engine off. (early EONV)			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1.0 (msec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1.0 (msec.)			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$3C	Test ID	$B8	Unit and Scaling ID	$FE
DTC		P0456			
Test Description		Check of EVAP system by monitoring the fuel tank pressure sensor signal after the engine off. (comparison with atmosphere)			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.25 (Pa) The lowest limit value: Output value (Decimal) x 0.25 (Pa) The highest limit value: Output value (Decimal) x 0.25 (Pa)			

OBD Monitor ID	$3D	Test ID	$B0	Unit and Scaling ID	$FD
DTC		P0496			
Test Description		EVAP canister purge valve "stuck open" check by monitoring fuel tank pressure sensor while the engine is running.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (kPa) The lowest limit value: Output value (Decimal) x 0.001 (kPa) The highest limit value: Not applicable			

OBD Monitor ID	$3D	Test ID	$B1	Unit and Scaling ID	$FD
DTC		P0497			
Test Description		Purge flow check by monitoring fuel tank pressure sensor value when the EVAP canister purge valve is closed.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001 (kPa) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001 (kPa)			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$3D	Test ID	$B9	Unit and Scaling ID	$30
DTC		P0457, P0496, P145C			
Test Description		Purge flow and/or EVAP canister purge valve check by monitoring fuel tank pressure sensor value while the engine is running.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001526 (%) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.001526 (%)			

Fuel System (Bank 1)

OBD Monitor ID	$81	Test ID	$D8	Unit and Scaling ID	$05
DTC		P0171, P0172			
Test Description		Monitoring long-term fuel trim value calculated by A/F sensor.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.0000305 The lowest limit value: Output value (Decimal) x 0.0000305 The highest limit value: Output value (Decimal) x 0.0000305			

Misfire

OBD Monitor ID	$A2	Test ID	$0B	Unit and Scaling ID	$24
DTC		P0301			
Test Description		The average number of misfires detected during the last ten driving cycles for #1 cylinder. (current misfire counts) x 0.1 + (previous misfire counts average) x 0.9			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$A2	Test ID	$0C	Unit and Scaling ID	$24
DTC		P0301			
Test Description		Total misfire counters in #1 cylinder on the present drive cycle. Previous drive cycle misfire counters are indicated from ignition switch is turned to ON (II) until engine start.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

OBD Monitor ID	$A3	Test ID	$0B	Unit and Scaling ID	$24
DTC		P0302			
Test Description		The average number of misfires detected during the last ten driving cycles for #2 cylinder. (current misfire counts) x 0.1 + (previous misfire counts average) x 0.9			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

OBD Monitor ID	$A3	Test ID	$0C	Unit and Scaling ID	$24
DTC		P0302			
Test Description		Total misfire counters in #2 cylinder on the present drive cycle. Previous drive cycle misfire counters are indicated from ignition switch is turned to ON (II) until engine start.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$A4	Test ID	$0B	Unit and Scaling ID	$24
DTC		P0303			
Test Description		The average number of misfires detected during the last ten driving cycles for #3 cylinder. (current misfire counts) x 0.1 + (previous misfire counts average) x 0.9			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

OBD Monitor ID	$A4	Test ID	$0C	Unit and Scaling ID	$24
DTC		P0303			
Test Description		Total misfire counters in #3 cylinder on the present drive cycle. Previous drive cycle misfire counters are indicated from ignition switch is turned to ON (II) until engine start.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

OBD Monitor ID	$A5	Test ID	$0B	Unit and Scaling ID	$24
DTC		P0304			
Test Description		The average number of misfires detected during the last ten driving cycles for #4 cylinder. (current misfire counts) x 0.1 + (previous misfire counts average) x 0.9			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$A5	Test ID	$0C	Unit and Scaling ID	$24
DTC		P0304			
Test Description		Total misfire counters in #4 cylinder on the present drive cycle. Previous drive cycle misfire counters are indicated from ignition switch is turned to ON (II) until engine start.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

OBD Monitor ID	$A6	Test ID	$0B	Unit and Scaling ID	$24
DTC		P0305			
Test Description		The average number of misfires detected during the last ten driving cycles for #5 cylinder. (current misfire counts) x 0.1 + (previous misfire counts average) x 0.9			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

OBD Monitor ID	$A6	Test ID	$0C	Unit and Scaling ID	$24
DTC		P0305			
Test Description		Total misfire counters in #5 cylinder on the present drive cycle. Previous drive cycle misfire counters are indicated from ignition switch is turned to ON (II) until engine start.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value lift: Output value (Decimal) x 1 (time) The lowest limit value lift: Not applicable The highest limit value lift: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2010 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$A7	Test ID	$0B	Unit and Scaling ID	$24
DTC		P0306			
Test Description		The average number of misfires detected during the last ten driving cycles for #6 cylinder. (current misfire counts) x 0.1 + (previous misfire counts average) x 0.9			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (time) The lowest limit value: Not applicable The highest limit value: Not applicable			

OBD Monitor ID	$A7	Test ID	$0C	Unit and Scaling ID	$24
DTC		P0306			
Test Description		Total misfire counters in #6 cylinder on the present drive cycle. Previous drive cycle misfire counters are indicated from ignition switch is turned to ON (II) until engine start.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value lift: Output value (Decimal) x 1 (time) The lowest limit value lift: Not applicable The highest limit value lift: Not applicable			