SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

Service $06 OBD Monitor ID by Model: Group 1

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Accord Hybrid	Accord (K24W1 Engine)	Accord (J35Y1, J35Y2 Engine)	Ridgeline	Fit
A/F Sensor (Bank 1)	$01	$80	$11					
	$01	$80	$14	X	X	X	X	X
	$01	$81	$14					
	$01	$82	$0B	X		X	X	
	$01	$83	$0A	X	X	X		X
	$01	$83	$8D				X	
	$01	$84	$0A	X	X	X		X
	$01	$84	$8D				X	
	$01	$85	$01					
	$01	$86	$0A	X	X	X		X
	$01	$86	$8D				X	
	$01	$87	$14	X	X	X	X	X
	$01	$88	$0B	X		X	X	
	$01	$89	$01	X	X	X	X	X
A/F Sensor (Bank 2)	$05	$80	$11					
	$05	$80	$14			X	X	
	$05	$81	$14					
	$05	$82	$0B			X	X	
	$05	$83	$0A			X		
	$05	$83	$8D				X	
	$05	$84	$0A			X		
	$05	$84	$8D				X	
	$05	$85	$01					
	$05	$86	$0A			X		
	$05	$86	$8D				X	
	$05	$87	$14			X	X	
	$05	$88	$0B			X	X	
	$05	$89	$01			X	X	

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Accord Hybrid	Accord (K24W1 Engine)	Accord (J35Y1, J35Y2 Engine)	Ridgeline	Fit
Secondary HO2S (Bank 1)	$02	$98	$0B					
	$02	$99	$0B					
	$02	$9A	$0B					
	$02	$9B	$10					
	$02	$9C	$0B					
	$02	$9D	$0B	X	X	X	X	X
	$02	$9E	$0B	X	X	X	X	X
Secondary HO2S (Bank 2)	$06	$98	$0B					
	$06	$99	$0B					
	$06	$9A	$0B					
	$06	$9B	$10					
	$06	$9C	$0B					
	$06	$9D	$0B			X	X	
	$06	$9E	$0B			X	X	
Catalyst (Bank 1)	$21	$A0	$01					
	$21	$A1	$0B	X	X	X	X	X
Catalyst (Bank 2)	$22	$A0	$01					
	$22	$A1	$0B			X	X	
EGR System	$31	$D0	$32	X		X	X	X
	$31	$D1	$32	X		X	X	X
	$31	$D2	$39	X		X	X	X
	$31	$D3	$01	X		X	X	X

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Accord Hybrid	Accord (K24W1 Engine)	Accord (J35Y1, J35Y2 Engine)	Ridgeline	Fit
VTC (VVT) System	$35	$D4	$1C	X	X			X
	$35	$D5	$1C		X			X
	$35	$D6	$1C					
	$35	$D7	$1C		X			X
	$35	$D9	$9C	X	X			X
	$35	$DA	$1C					
	$35	$DB	$1C					
	$35	$DC	$1C					
	$35	$DD	$9C					
EVAP System	$39	$B2	$FD					
	$3A	$B3	$FD					
	$3A	$BA	$12					
	$3A	$BA	$FE	X	X	X	X	X
	$3A	$C2	$FE	X	X	X	X	X
	$3C	$B4	$06	X	X	X	X	X
	$3C	$B5	$83	X	X	X	X	X
	$3C	$B6	$12					
	$3C	$B6	$FE	X	X	X	X	X
	$3C	$B7	$10					
	$3C	$B8	$FE					
	$3C	$BD	$FC					
	$3C	$BE	$FD					
	$3C	$BF	$FD					
	$3D	$B0	$FD					
	$3D	$B1	$FD					
	$3D	$B9	$30	X	X	X	X	X
	$3D	$BB	$30					
	$3D	$BC	$10					
	$3D	$C0	$FD					
	$3D	$C1	$30	X				

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	Accord Hybrid	Accord (K24W1 Engine)	Accord (J35Y1, J35Y2 Engine)	Ridgeline	Fit
Fuel System (Bank 1)	$81	$A9	$01					
	$81	$AA	$05					
	$81	$AB	$05					
	$81	$AC	$05					
	$81	$AD	$05					
	$81	$D8	$05					
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	
	$A6	$0C	$24			X	X	
	$A7	$0B	$24			X	X	
	$A7	$0C	$24			X	X	

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

Service $06 OBD Monitor ID by Model: Group 2

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	HR-V	Civic (L15B7, L15BA Engine)	Civic (K20C2 Engine)	Pilot	Odyssey
A/F Sensor (Bank 1)	$01	$80	$11					X
	$01	$80	$14		X	X	X	
	$01	$81	$14					
	$01	$82	$0B		X	X	X	X
	$01	$83	$0A		X	X	X	
	$01	$83	$8D					X
	$01	$84	$0A		X	X	X	
	$01	$84	$8D					X
	$01	$85	$01					
	$01	$86	$0A		X	X	X	
	$01	$86	$8D					X
	$01	$87	$14	X	X	X	X	X
	$01	$88	$0B		X	X	X	X
	$01	$89	$01	X	X	X	X	X
A/F Sensor (Bank 2)	$05	$80	$11					X
	$05	$80	$14				X	
	$05	$81	$14					
	$05	$82	$0B				X	X
	$05	$83	$0A				X	
	$05	$83	$8D					X
	$05	$84	$0A				X	
	$05	$84	$8D					X
	$05	$85	$01					
	$05	$86	$0A				X	
	$05	$86	$8D					X
	$05	$87	$14				X	X
	$05	$88	$0B				X	X
	$05	$89	$01				X	X

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	HR-V	Civic (L15B7, L15BA Engine)	Civic (K20C2 Engine)	Pilot	Odyssey
Secondary HO2S (Bank 1)	$02	$98	$0B					
	$02	$99	$0B					
	$02	$9A	$0B					
	$02	$9B	$10					
	$02	$9C	$0B					
	$02	$9D	$0B	X	X	X	X	X
	$02	$9E	$0B	X	X	X	X	X
Secondary HO2S (Bank 2)	$06	$98	$0B					
	$06	$99	$0B					
	$06	$9A	$0B					
	$06	$9B	$10					
	$06	$9C	$0B					
	$06	$9D	$0B				X	X
	$06	$9E	$0B				X	X
Catalyst (Bank 1)	$21	$A0	$01					
	$21	$A1	$0B	X	X	X	X	X
Catalyst (Bank 2)	$22	$A0	$01					
	$22	$A1	$0B				X	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	X

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	HR-V	Civic (L15B7, L15BA Engine)	Civic (K20C2 Engine)	Pilot	Odyssey
VTC (VVT) System	$35	$D4	$1C		X	X		
	$35	$D5	$1C		X	X		
	$35	$D6	$1C					
	$35	$D7	$1C		X	X		
	$35	$D9	$9C		X	X		
	$35	$DA	$1C		X	X		
	$35	$DB	$1C		X	X		
	$35	$DC	$1C		X	X		
	$35	$DD	$9C		X	X		
EVAP System	$39	$B2	$FD					
	$3A	$B3	$FD					
	$3A	$BA	$12					X
	$3A	$BA	$FE		X	X	X	
	$3A	$C2	$FE		X	X	X	
	$3C	$B4	$06	X	X	X	X	X
	$3C	$B5	$83	X	X	X	X	X
	$3C	$B6	$12					X
	$3C	$B6	$FE		X	X	X	
	$3C	$B7	$10					
	$3C	$B8	$FE					
	$3C	$BD	$FC					
	$3C	$BE	$FD					
	$3C	$BF	$FD					
	$3D	$B0	$FD					
	$3D	$B1	$FD					
	$3D	$B9	$30	X	X	X	X	X
	$3D	$BB	$30		X			
	$3D	$BC	$10		X			
	$3D	$C0	$FD					
	$3D	$C1	$30					

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	HR-V	Civic (L15B7, L15BA Engine)	Civic (K20C2 Engine)	Pilot	Odyssey
Fuel System (Bank 1)	$81	$A9	$01					
	$81	$AA	$05					
	$81	$AB	$05					
	$81	$AC	$05					
	$81	$AD	$05					
	$81	$D8	$05					
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
	$A6	$0C	$24				X	X
	$A7	$0B	$24				X	X
	$A7	$0C	$24				X	X

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

Service $06 OBD Monitor ID by Model: Group 3

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	CR-V (L15BE Engine)	CR-V (K24W9, K24V9 Engine)	Civic (K20C1 Engine)
A/F Sensor (Bank 1)	$01	$05	$10			X
	$01	$06	$10			X
	$01	$80	$11			
	$01	$80	$14	X	X	
	$01	$81	$14			
	$01	$82	$0B	X		
	$01	$83	$0A	X	X	
	$01	$83	$85			X
	$01	$83	$8D			
	$01	$84	$0A	X	X	
	$01	$84	$8D			
	$01	$85	$01			
	$01	$86	$0A	X	X	
	$01	$86	$8D			
	$01	$87	$14	X	X	
	$01	$88	$0B	X		
	$01	$89	$01	X	X	
	$01	$8E	$10			X
	$01	$8F	$10			X
	$01	$91	$85			X

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	CR-V (L15BE Engine)	CR-V (K24W9, K24V9 Engine)	Civic (K20C1 Engine)
A/F Sensor (Bank 2)	$05	$80	$11			
	$05	$80	$14			
	$05	$81	$14			
	$05	$82	$0B			
	$05	$83	$0A			
	$05	$83	$8D			
	$05	$84	$0A			
	$05	$84	$8D			
	$05	$85	$01			
	$05	$86	$0A			
	$05	$86	$8D			
	$05	$87	$14			
	$05	$88	$0B			
	$05	$89	$01			
Secondary HO2S (Bank 1)	$02	$05	$10			X
	$02	$06	$10			X
	$02	$96	$0A			X
	$02	$97	$0A			X
	$02	$98	$0B			
	$02	$99	$0B			
	$02	$9A	$0B			
	$02	$9B	$10			X
	$02	$9C	$0B			
	$02	$9D	$0B	X	X	
	$02	$9E	$0B	X	X	
	$02	$9F	$10			X

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	CR-V (L15BE Engine)	CR-V (K24W9, K24V9 Engine)	Civic (K20C1 Engine)
Secondary HO2S (Bank 2)	$06	$98	$0B			
	$06	$99	$0B			
	$06	$9A	$0B			
	$06	$9B	$10			
	$06	$9C	$0B			
	$06	$9D	$0B			
	$06	$9E	$0B			
Catalyst (Bank 1)	$21	$A0	$01			
	$21	$A1	$0B	X	X	
	$21	$A2	$2F			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	X	
	$35	$D4	$9C			X
	$35	$D5	$1C	X	X	
	$35	$D5	$9C			X
	$35	$D6	$1C			
	$35	$D7	$1C	X	X	
	$35	$D9	$9C	X	X	
	$35	$DA	$1C	X		
	$35	$DA	$9C			X
	$35	$DB	$1C	X		
	$35	$DB	$9C			X
	$35	$DC	$1C	X		
	$35	$DD	$9C	X		

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	CR-V (L15BE Engine)	CR-V (K24W9, K24V9 Engine)	Civic (K20C1 Engine)
EVAP System	$39	$B2	$FD			
	$39	$E7	$FE			X
	$3A	$B3	$FD			
	$3A	$BA	$12			
	$3A	$BA	$FE		X	
	$3A	$C2	$FE		X	
	$3B	$E8	$FE			X
	$3C	$B4	$06		X	
	$3C	$B5	$83		X	
	$3C	$B6	$12			
	$3C	$B6	$FE		X	
	$3C	$B7	$10			
	$3C	$B8	$FE			
	$3C	$BD	$FC			
	$3C	$BE	$FD	X		
	$3C	$BF	$FD			
	$3C	$E9	$05			X
	$3D	$B0	$FD			
	$3D	$B1	$FD			
	$3D	$B9	$30	X	X	
	$3D	$BB	$30	X		
	$3D	$BC	$10	X		
	$3D	$C0	$FD			
	$3D	$C1	$30			
	$3D	$EA	$FE			X
	$3D	$EB	$FE			X
	$3D	$ED	$01			X

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

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

Monitor	OBD Monitor ID	Test ID	Unit and Scaling ID	CR-V (L15BE Engine)	CR-V (K24W9, K24V9 Engine)	Civic (K20C1 Engine)
A/F Sensor (Bank 1) Heater	$41	$8D	$16			X
Secondary HO2S (Bank 1) Heater	$42	$C7	$14			X
Fuel System (Bank 1)	$81	$A9	$01			
	$81	$AA	$05			
	$81	$AA	$1E			X
	$81	$AB	$05			
	$81	$AB	$1E			X
	$81	$AC	$05			
	$81	$AC	$1E			X
	$81	$AD	$05			
	$81	$AD	$1E			X
	$81	$C8	$1E			X
	$81	$C9	$1E			X
	$81	$CA	$1E			X
	$81	$CB	$1E			X
	$81	$D8	$05			
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 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

A/F Sensor (Bank 1)

OBD Monitor ID	$01	Test ID	$05	Unit and Scaling ID	$10
DTC		P0133			
Test Description		Check of A/F sensor response delay time from lean to rich direction.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (msec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (msec.)			

OBD Monitor ID	$01	Test ID	$06	Unit and Scaling ID	$10
DTC		P0133			
Test Description		Check of A/F sensor response delay time from rich to lean direction.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (msec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (msec.)			

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.)			

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$01	Test ID	$80	Unit and Scaling ID	$14
DTC		P0134			
Test Description		Check of A/F sensor element resistance after A/F sensor "non-activation". 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 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 0.001 (V) The lowest limit value: Output value (Decimal) x 0.001 (V) The highest limit value: Output value (Decimal) x 0.001 (V)			

OBD Monitor ID	$01	Test ID	$83	Unit and Scaling ID	$0A
DTC		P2195			
Test Description		Check of A/F sensor voltage when feedback condition is established.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.122 (mV) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.122 (mV)			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$01	Test ID	$83	Unit and Scaling ID	$85
DTC		P2195			
Test Description		Check of A/F sensor lambda positive offset.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1/32768 The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1/32768			

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	$0A
DTC		P2A00			
Test Description		Check of A/F sensor voltage by monitoring the A/F sensor during fuel cut condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.122 (mV) The lowest limit value: Output value (Decimal) x 0.122 (mV) The highest limit value: Output value (Decimal) x 0.122 (mV)			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

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	$86	Unit and Scaling ID	$0A
DTC		P1172			
Test Description		Check of A/F sensor voltage after A/F sensor once activation is determined in the drive cycle.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.122 (mV) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.122 (mV)			

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			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

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 0.001 (V) The lowest limit value: Output value (Decimal) x 0.001 (V) The highest limit value: Output value (Decimal) x 0.001 (V)			

OBD Monitor ID	$01	Test ID	$89	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 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$01	Test ID	$8E	Unit and Scaling ID	$10
DTC		P0133			
Test Description		Check of A/F sensor transition time from lean to rich direction.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (msec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (msec.)			

OBD Monitor ID	$01	Test ID	$8F	Unit and Scaling ID	$10
DTC		P0133			
Test Description		Check of A/F sensor transition time from rich to lean direction.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (msec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (msec.)			

OBD Monitor ID	$01	Test ID	$91	Unit and Scaling ID	$85
DTC		P2196			
Test Description		Check of A/F sensor lambda negative offset.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1/32768 The lowest limit value: Output value (Decimal) x 1/32768 The highest limit value: Not applicable			

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	$80	Unit and Scaling ID	$14
DTC		P0154			
Test Description		Check of A/F sensor element resistance after A/F sensor "non-activation". 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 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 0.001 (V) The lowest limit value: Output value (Decimal) x 0.001 (V) The highest limit value: Output value (Decimal) x 0.001 (V)			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$05	Test ID	$83	Unit and Scaling ID	$0A
DTC		P2197			
Test Description		Check of A/F sensor voltage when feedback condition is established.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.122 (mV) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.122 (mV)			

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			

OBD Monitor ID	$05	Test ID	$84	Unit and Scaling ID	$0A
DTC		P2A03			
Test Description		Check of A/F sensor voltage by monitoring the A/F sensor during fuel cut condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.122 (mV) The lowest limit value: Output value (Decimal) x 0.122 (mV) The highest limit value: Output value (Decimal) x 0.122 (mV)			

SAE J1979 Mode/Service $06 Test Information: All 2017 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	$86	Unit and Scaling ID	$0A
DTC		P1174			
Test Description		Check of A/F sensor voltage after A/F sensor once activation is determined in the drive cycle.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.122 (mV) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.122 (mV)			

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 2017 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 0.001 (V) The lowest limit value: Output value (Decimal) x 0.001 (V) The highest limit value: Output value (Decimal) x 0.001 (V)			

OBD Monitor ID	$05	Test ID	$89	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			

SAE J1979 Service $06 Information by OBD Monitor ID

Secondary HO2S (Bank 1)

OBD Monitor ID	$02	Test ID	$05	Unit and Scaling ID	$10
DTC		P0139			
Test Description		Check of secondary heated oxygen sensor transition time from rich to lean direction.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (msec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (msec.)			

OBD Monitor ID	$02	Test ID	$06	Unit and Scaling ID	$10
DTC		P0139			
Test Description		Check of secondary heated oxygen sensor transition time from lean to rich direction.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (msec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (msec.)			

OBD Monitor ID	$02	Test ID	$96	Unit and Scaling ID	$0A
DTC		P2270			
Test Description		Check of secondary heated oxygen sensor maximum voltage at rich condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 9/65536 (mV) The lowest limit value: Output value (Decimal) x 9/65536 (mV) The highest limit value: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$02	Test ID	$97	Unit and Scaling ID	$0A
DTC		P2271			
Test Description		Check of secondary heated oxygen sensor minimum voltage at lean condition.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 9/65536 (mV) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 9/65536 (mV)			

OBD Monitor ID	$02	Test ID	$9B	Unit and Scaling ID	$10
DTC		P0139			
Test Description		Check of secondary heated oxygen sensor response delay time from lean to rich direction.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (msec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (msec.)			

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)			

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$02	Test ID	$9E	Unit and Scaling ID	$0B
DTC		P2270			
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	$9F	Unit and Scaling ID	$10
DTC		P0139			
Test Description		Check of secondary heated oxygen sensor response delay time from rich to lean direction.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 (msec.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 1 (msec.)			

Secondary HO2S (Bank 2)

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)			

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$06	Test ID	$9E	Unit and Scaling ID	$0B
DTC		P2272			
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			

Catalyst (Bank 1)

OBD Monitor ID	$21	Test ID	$A1	Unit and Scaling ID	$0B
DTC		P0420			
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)			

OBD Monitor ID	$21	Test ID	$A2	Unit and Scaling ID	$2F
DTC		P0420			
Test Description		Check of normalized catalyst oxygen storage capacity (OSC).			
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			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

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)			

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: Output value (Decimal) x 0.0000305 (inch) The lowest limit value: Output value (Decimal) x 0.0000305 (inch) The highest limit value: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

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			

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.)			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$35	Test ID	$D4	Unit and Scaling ID	$9C
DTC		P0011			
Test Description		Response check of inlet VTC (VVT) system by monitoring divergence of actual camshaft angle from target angle.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (deg.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.01 (deg.)			

OBD Monitor ID	$35	Test ID	$D5	Unit and Scaling ID	$1C
DTC		P1009			
Test Description		Check of VTC (VVT) system by comparing the actual camshaft angle to the target camshaft angle.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (deg.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.01 (deg.)			

OBD Monitor ID	$35	Test ID	$D5	Unit and Scaling ID	$9C
DTC		P0011			
Test Description		Check of inlet VTC (VVT) system target error by monitoring divergence of actual camshaft angle from target angle.			
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: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$35	Test ID	$D7	Unit and Scaling ID	$1C
DTC		P1009			
Test Description		Check of the VTC (VVT) system by comparing the actual camshaft angle to the target camshaft angle after an engine stall event.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (deg.) The lowest limit value: Not applicable 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.)			

OBD Monitor ID	$35	Test ID	$DA	Unit and Scaling ID	$1C
DTC		P0014			
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.)			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$35	Test ID	$DA	Unit and Scaling ID	$9C
DTC		P0014			
Test Description		Response check of outlet VTC (VVT) system by monitoring divergence of actual camshaft angle from target angle.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (deg.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.01 (deg.)			

OBD Monitor ID	$35	Test ID	$DB	Unit and Scaling ID	$1C
DTC		P101A			
Test Description		Check of VTC (VVT) system by comparing the actual camshaft angle to the target camshaft angle.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (deg.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.01 (deg.)			

OBD Monitor ID	$35	Test ID	$DB	Unit and Scaling ID	$9C
DTC		P0014			
Test Description		Check of outlet VTC (VVT) system target error by monitoring divergence of actual camshaft angle from target angle.			
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: Not applicable			

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$35	Test ID	$DC	Unit and Scaling ID	$1C
DTC		P101A			
Test Description		Check of VTC (VVT) system by comparing the actual camshaft angle to the target camshaft angle.			
Store Timing		Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.01 (deg.) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.01 (deg.)			

OBD Monitor ID	$35	Test ID	$DD	Unit and Scaling ID	$9C
DTC		P0366			
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	$E7	Unit and Scaling ID	$FE
DTC		P0455			
Test Description		Large leak check of EVAP system by monitoring fuel tank pressure sensor value.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.25 (Pa) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.25 (Pa)			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

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	$3A	Test ID	$BA	Unit and Scaling ID	$FE
DTC		P0455			
Test Description		Large (gross) leak check of EVAP system by monitoring the fuel tank pressure sensor value which is equal atmosphere during the first EVAP canister vent shut valve close after the engine off. (EONV)			
Store Timing		Normal 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: Not applicable			

OBD Monitor ID	$3A	Test ID	$C2	Unit and Scaling ID	$FE
DTC		P0455			
Test Description		Large (gross) leak check of EVAP system by monitoring the fuel tank pressure sensor value which is equal atmosphere during the second EVAP canister vent shut valve close after the engine off. (EONV)			
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: Not applicable			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$3B	Test ID	$E8	Unit and Scaling ID	$FE
DTC		P0442			
Test Description		Small leak check of EVAP system by monitoring fuel tank pressure sensor value.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.25 (Pa) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.25 (Pa)			

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			

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			

SAE J1979 Mode/Service $06 Test Information: All 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

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	$B6	Unit and Scaling ID	$FE
DTC		P0456			
Test Description		Check of EVAP system by monitoring 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 0.25 (Pa) The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 0.25 (Pa)			

OBD Monitor ID	$3C	Test ID	$BE	Unit and Scaling ID	$FD
DTC		P04EE, P04EF			
Test Description		Checks the pressure reading of the leak detection module absolute pressure sensor when the EVAP leak detection module reduces the entire system (fuel tank and EVAP canister side) pressure.			
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 2017 Hondas

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$3C	Test ID	$E9	Unit and Scaling ID	$05
DTC		P0456			
Test Description		Very small leak check of EVAP system by monitoring change rate of fuel tank pressure sensor value.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 2/65536 The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 2/65536			

OBD Monitor ID	$3D	Test ID	$B9	Unit and Scaling ID	$30
DTC		P0496, P0497, P0441			
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: Output value (Decimal) x 0.001526 (%) The highest limit value: Not applicable			

OBD Monitor ID	$3D	Test ID	$BB	Unit and Scaling ID	$30
DTC		P04F0, P145A, P145D			
Test Description		Purge flow and/or EVAP canister purge valve check by monitoring fuel tank pressure sensor value while the engine is running with positive pressure condition.			
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 (%)			

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SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$3D	Test ID	$BC	Unit and Scaling ID	$10
DTC		P145B			
Test Description		Purge flow and/or check 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 1 (msec.) The lowest limit value: Output value (Decimal) x 1 (msec.) The highest limit value: Not applicable			

OBD Monitor ID	$3D	Test ID	$C1	Unit and Scaling ID	$30
DTC		P0497, P04AE, P145C, P145E			
Test Description		Checks the content rate of the EVAP canister purge valve 2 duty cycle in the fuel tank pressure sensor pulsation.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.001526 (%) The lowest limit value: Output value (Decimal) x 0.001526 (%) The highest limit value: Not applicable			

OBD Monitor ID	$3D	Test ID	$EA	Unit and Scaling ID	$FE
DTC		P2422			
Test Description		EVAP canister vent shut valve stuck close check of EVAP system by monitoring fuel tank pressure sensor value.			
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: Not applicable			

SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$3D	Test ID	$EB	Unit and Scaling ID	$FE
DTC		P0496, P0497			
Test Description		EVAP canister purge valve purge flow check of EVAP system by monitoring fuel tank pressure sensor value.			
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	$ED	Unit and Scaling ID	$01
DTC		P04F0			
Test Description		Check of number of times the fuel tank pressure exceeds limit during purging.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 1 The lowest limit value: Output value (Decimal) x 1 The highest limit value: Not applicable			

A/F Sensor (Bank 1) Heater

OBD Monitor ID	$41	Test ID	$8D	Unit and Scaling ID	$16
DTC		P0134			
Test Description		Performance check of A/F sensor heater by monitoring heater temperature.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 0.1 - 40 (ºC) The lowest limit value: Output value (Decimal) x 0.1 - 40 (ºC) The highest limit value: Not applicable			

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SAE J1979 Service $06 Information by OBD Monitor ID

Secondary HO2S (Bank 1) Heater

OBD Monitor ID	$42	Test ID	$C7	Unit and Scaling ID	$14
DTC		P0140			
Test Description		Activity check of secondary heated oxygen sensor by monitoring internal 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)			

Fuel System (Bank 1)

OBD Monitor ID	$81	Test ID	$AA	Unit and Scaling ID	$1E
DTC		P219C			
Test Description		Check of No. 1 cylinder maximum fuel correction factor.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 2/65536 The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 2/65536			

OBD Monitor ID	$81	Test ID	$AB	Unit and Scaling ID	$1E
DTC		P219E			
Test Description		Check of No. 2 cylinder maximum fuel correction factor.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 2/65536 The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 2/65536			

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SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$81	Test ID	$AC	Unit and Scaling ID	$1E
DTC		P219F			
Test Description		Check of No. 3 cylinder maximum fuel correction factor.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 2/65536 The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 2/65536			

OBD Monitor ID	$81	Test ID	$AD	Unit and Scaling ID	$1E
DTC		P219D			
Test Description		Check of No. 4 cylinder maximum fuel correction factor.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 2/65536 The lowest limit value: Not applicable The highest limit value: Output value (Decimal) x 2/65536			

OBD Monitor ID	$81	Test ID	$C8	Unit and Scaling ID	$1E
DTC		P219C			
Test Description		Check of No. 1 cylinder minimum fuel correction factor.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 2/65536 The lowest limit value: Output value (Decimal) x 2/65536 The highest limit value: Not applicable			

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SAE J1979 Service $06 Information by OBD Monitor ID

OBD Monitor ID	$81	Test ID	$C9	Unit and Scaling ID	$1E
DTC		P219E			
Test Description		Check of No. 2 cylinder minimum fuel correction factor.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 2/65536 The lowest limit value: Output value (Decimal) x 2/65536 The highest limit value: Not applicable			

OBD Monitor ID	$81	Test ID	$CA	Unit and Scaling ID	$1E
DTC		P219F			
Test Description		Check of No. 3 cylinder minimum fuel correction factor.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 2/65536 The lowest limit value: Output value (Decimal) x 2/65536 The highest limit value: Not applicable			

OBD Monitor ID	$81	Test ID	$CB	Unit and Scaling ID	$1E
DTC		P219D			
Test Description		Check of No. 4 cylinder minimum fuel correction factor.			
Store Timing		Normal judgment/Failure judgment			
Conversion to Engineering Units		Measured value: Output value (Decimal) x 2/65536 The lowest limit value: Output value (Decimal) x 2/65536 The highest limit value: Not applicable			

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SAE J1979 Service $06 Information by OBD Monitor ID

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			

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) or engine start/stop button is pressed to select the ON mode 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			

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SAE J1979 Service $06 Information by OBD Monitor ID

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) or engine start/stop button is pressed to select the ON mode 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	$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) or engine start/stop button is pressed to select the ON mode 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			

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SAE J1979 Service $06 Information by OBD Monitor ID

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			

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) or engine start/stop button is pressed to select the ON mode 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			

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SAE J1979 Service $06 Information by OBD Monitor ID

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) or engine start/stop button is pressed to select the ON mode 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			

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) or engine start/stop button is pressed to select the ON mode 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			