

ABS V14.3 Function List

Note:

✓ Functions marked with ✓ is fully supported.

System	ECU Info	Read Fault Code	Clear Fault Code	Live Data	Active Test	Special Func
Bosch\Bosch ABS 8.0 (K)	✓	✓	✓	✓	A0045, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0038	S0003, S0004, S0001
Bosch\Bosch ABS 9.0 (K)	✓	✓	✓	✓	A0055, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0038, A0056, A0057, A0058, A0059, A0060, A0061	
Bosch\Bosch ABS 9.0 (CAN)	✓	✓	✓	✓		
Bosch\Bosch ABS 8 (K) (JAC Light Truck)	✓	✓	✓	✓	A0045, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0038	S0003, S0004, S0013
Bosch\Bosch ABS 8 (CAN) (Foton Tunland)	✓	✓	✓	✓	A0045, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0038	S0003, S0004
Bosch\Bosch ABS 9 (K) (JAC Pickup)	✓	✓	✓	✓	A0055, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0038	S0003, S0004, S0001
Bosch\Bosch ABS 9 (K) (JAC Light Truck Oil Brake)	✓	✓	✓	✓	A0055, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0038	
Bosch\Bosch ABS 9 (K) (Foton)	✓	✓	✓	✓	A0045, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0038	S0003, S0004, S0013
Bosch\Bosch ABS 9 (K) (Zhengzhou Nissan Rich P11)	✓	✓	✓	✓	Please refer to ZHENGZHOUNISSAN Function List	
Bosch\Bosch ABS 9 (CAN) (Foton)	✓	✓	✓	✓	Please refer to FOTON Function List	
Bosch\Bosch ABS 9 (CAN) (JMC)	✓	✓	✓	✓	A0055, A0050, A0046, A0051, A0047, A0052, A0048, A0053, A0049	S0003, S0010, S0011, S0012
Bosch\Bosch ABS 5.3 (Nanjing Iveco)	✓	✓	✓	✓	A0325, A0326, A0327, A0328, A0070, A0329, A0330	
Bosch\Bosch ABS/ESP/ASR 8.0 (K) (Nanjing Iveco)	✓	✓	✓	✓		
WABCO\WABCO ABS (K) (SINOTRUCK)	✓	✓	✓	✓	Please refer to SINOTRUCK Function List	
WABCO\WABCO ABS (FAW Jiefang)\WABCO ABS (K) (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
WABCO\WABCO ABS (FAW Jiefang)\WABCO ABS (CAN) (FAW Jiefang J7)	✓	✓	✓	✓	Please refer to FAW Function List	
WABCO\WABCO ABS (FAW Jiefang)\WABCO ABS-E4 Basic (K) (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
WABCO\WABCO ABS (FAW Jiefang)\WABCO ABS-E4 Basic (CAN) (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
WABCO\WABCO ABS (FAW Jiefang)\WABCO ABS-E8 (CAN) (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
WABCO\WABCO ABS (Dongfeng)\WABCO ABS (K) (DFCV)		✓	✓	✓	A0070, A0071	S0016
WABCO\WABCO ABS (Dongfeng)\WABCO ABS (CAN) (DFCV)	✓	✓	✓	✓	Please refer to DONGFENG Function List	
WABCO\WABCO ABS (JAC)\WABCO ABS (K) (JAC)	✓	✓	✓	✓	A0062, A0063, A0064, A0065, A0066, A0067, A0068, A0069	
WABCO\WABCO ABS (JAC)\WABCO ABS (CAN) (JAC)	✓	✓	✓	✓		
WABCO\WABCO ABS (K) (Foton)	✓	✓	✓	✓	A0070, A0071, A0072, A0073, A0074	
WABCO\WABCO ABS (CAN) (SHACMAN X5000)	✓	✓	✓	✓	Please refer to SHACMAN Function List	
WABCO\WABCO ABS (J1939)		✓	✓			
WABCO\WABCO ABS D/E/E2 (SAIC Hongyan)	✓	✓	✓	✓	A0093, A0094, A0095, A0096, A0097	
WABCO\WABCO ABS/ESC (E4)	✓	✓	✓	✓	A0273, A0274, A0275, A0276, A0277, A0278, A0279, A0280, A0281, A0282, A0083, A0082, A0283, A0284, A0285, A0286, A0287, A0288	S0107, S0108, S0109, S0110
WABCO\WABCO ABS_K08 Version		✓	✓	✓	A0075, A0076, A0077, A0078, A0079, A0080, A0081, A0082, A0083	
WABCO\WABCO ABS_K12 Version	✓	✓	✓	✓	A0075, A0076, A0077, A0078, A0079, A0080, A0081, A0082, A0083	S0002, S0015
WABCO\WABCO ABS_K15 version	✓	✓	✓	✓		
WABCO\WABCO ABS_D	✓	✓	✓	✓		
WABCO\WABCO ABS_E	✓	✓	✓	✓	A0075, A0076, A0077, A0078, A0079, A0080, A0081, A0082, A0083	

WABCO\WABCO ABS_E Version 2	✓	✓	✓	✓	A0289, A0290, A0291, A0292, A0070	
WABCO\WABCO ABS_ECU	✓	✓	✓	✓	A0084, A0085, A0086, A0087, A0088, A0089, A0090, A0091, A0092, A0070, A0082	S0017
KNORR\KNORR ABS (J1939)		✓	✓			
KNORR\KNORR ABS (6S6M) (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
KNORR\KNORR ABS (K) (Dongfeng)		✓	✓	✓		
KNORR\KNORR ABS8 (CAN) (Dongfeng)	✓	✓	✓	✓	A0298, A0299, A0300, A0301, A0302, A0303, A0304, A0305, A0306, A0307, A0308, A0309, A0310, A0311, A0312, A0313, A0314, A0224, A0092, A0315, A0316, A0218, A0219, A0220, A0221, A0222, A0223, A0224, A0092, A0225, A0226, A0227, A0228, A0229, A0230, A0231, A0232, A0233, A0234, A0235, A0236, A0237,	S0025, S0034, S0035, S0036, S0037, S0038, S0039, S0040, S0041, S0042, S0043, S0044, S0045, S0046, S0047, S0048, S0049, S0050, S0051, S0052, S0053,
KNORR\KNORR ABS8 (JAC)	✓	✓	✓	✓		
KNORR\KNORR ABS/ESC (Foton)	✓	✓	✓	✓		S0032, S0033, S0034, S0035, S0036, S0037, S0038, S0039, S0040, S0041, S0042, S0043, S0044, S0045, S0046, S0047, S0048, S0049, S0050, S0051, S0052,
KNORR\KNORR EBS/ESP (Foton)	✓	✓	✓	✓	Please refer to FOTON Function List	
SORL (Ruili)\SORL (Ruili) ABS (K)	✓	✓	✓	✓	A0028, A0029, A0030, A0031, A0032, A0033, A0034, A0035, A0036, A0037, A0038	S0005, S0006, S0007, S0008, S0009, S0001
SORL (Ruili)\SORL (Ruili) ABS (K) (Foton SUP)	✓	✓	✓	✓	Please refer to FOTON Function List	
KORMEE\KORMEE ABS (K)	✓	✓	✓	✓		
KORMEE\KORMEE ABS+ESC (CAN)	✓	✓	✓	✓	A0294, A0295, A0296, A0297	
KORMEE\KORMEE ABS (K) (CM4XL)	✓	✓	✓	✓	A0070, A0071, A0072, A0073, A0074	
KORMEE\KORMEE ABS (K) (JAC) (Pneumatic Brake)	✓	✓	✓	✓	A0062, A0063, A0064, A0065, A0066, A0067, A0068, A0069	S0014, S0015
KORMEE\KORMEE ABS (K) (JAC) (Hydraulic Brake)	✓	✓	✓	✓	A0121, A0122, A0123, A0124, A0125, A0126, A0127, A0128	S0105, S0106
KORMEE\KORMEE ABS (K) (Yutong) (Hydraulic Brake)	✓	✓	✓	✓	A0093, A0094, A0095, A0096, A0097	
KORMEE\KORMEE ABS (K) (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
KORMEE\KORMEE ABS+ESC (CAN) (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
KORMEE\KORMEE ABS (CAN) (SHACMAN X5000)	✓	✓	✓	✓	Please refer to SHACMAN Function List	
KORMEE\KORMEE ABS (CAN) (SHACMAN X6000)	✓	✓	✓	✓	Please refer to SHACMAN Function List	
KORMEE\KORMEE ABS (J1939)		✓	✓	✓		
BWI\BWI DBC7.4 System (K)		✓	✓	✓	A0108, A0003, A0109, A0110, A0111, A0112, A0113, A0114, A0115, A0116, A0117, A0118, A0119, A0120, A0012	S0001
BWI\BWI DBC7.8 System (K)	✓	✓	✓	✓	A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012	S0001
BWI\BWI DBC7.8 System (CAN)	✓	✓	✓	✓	A0098, A0099, A0100, A0101, A0102, A0103, A0104, A0105, A0106, A0107	
BWI\BWI DBC1200 System (K)	✓	✓	✓	✓	A0108, A0003, A0109, A0110, A0111, A0112, A0113, A0114, A0115, A0116, A0117, A0118, A0119, A0120, A0293	
BWI\BWI ABS/ESC (CAN)	✓	✓	✓	✓	A0264, A0265, A0266, A0267, A0268, A0269, A0270, A0271, A0055, A0272	S0025, S0104, S0022
Youfin\Youfin ABS (K) (Yutong)	✓	✓	✓	✓		S0020, S0003, S0001
Youfin\Youfin ABS (K) (FAW Jiefang Qingdao Automobile JL01)	✓	✓	✓	✓	Please refer to FAW Function List	
Youfin\Youfin ABS (K) (JAC)		✓	✓	✓	A0143, A0070, A0144, A0145, A0146, A0147, A0148, A0149, A0150, A0151, A0152	
Youfin\Youfin ABS (K) (JAC Hydraulic Brake)	✓	✓	✓	✓	Please refer to JAC Function List	
Youfin\Youfin ABS (CAN) (JAC Hydraulic Brake)	✓	✓	✓	✓	Please refer to JAC Function List	
Youfin\Youfin ABS (K) (Foton)	✓	✓	✓	✓	A0207, A0208, A0209, A0210, A0211, A0212, A0213, A0214, A0215, A0216, A0217	S0001
Youfin\Youfin ABS (CAN) (Foton)	✓	✓	✓	✓	A0055, A0015, A0016, A0017, A0018, A0019, A0020, A0021, A0022, A0153, A0154, A0155, A0156, A0038	S0005, S0006, S0007, S0008, S0009, S0001, S0002, S0003, S0010, S0022
Youfin\Youfin ESP (Foton)	✓	✓	✓	✓	A0055, A0015, A0016, A0017, A0018, A0019, A0020, A0021, A0022, A0157, A0158, A0159, A0160, A0153, A0154, A0155, A0156, A0038	S0005, S0006, S0007, S0008, S0009, S0001, S0023, S0024, S0002, S0003, S0010, S0022, S0025, S0003, S0026
VIE\VIE ABS	✓	✓	✓	✓	A0121, A0122, A0123, A0124, A0125, A0126, A0127, A0128	S0002, S0018

VIE\Vanan ABS (Version I)	✓	✓	✓	✓	A0129, A0130, A0131, A0132, A0133, A0134, A0135, A0136, A0137	
VIE\Vanan ABS+ESC (FAW Jiefang)						
VIE\Vanan ABS (K) (FAW Jiefang)	✓	✓	✓	✓	A0121, A0122, A0123, A0124, A0125, A0126, A0127, A0128	
VIE\Vanan ABS (K) (FAW Jiefang Qingdao Automobile)	✓	✓	✓	✓	Please refer to FAW Function List	
VIE\Vanan ABS (K) (JAC Pneumatic Brake)	✓	✓	✓	✓	A0121, A0138, A0139, A0140, A0141	S0019, S0020, S0021
VIE\Vanan ABS (J1939) (JAC)		✓	✓	✓		
VIE\Vanan ABS (K) (JMC Pneumatic Brake)	✓	✓	✓	✓	Please refer to JMC Function List	
VIE\Vanan ABS (CAN) (SHACMAN X5000)	✓	✓	✓	✓	Please refer to SHACMAN Function List	
VIE\VIE ABS/EBS (DFCV)	✓	✓	✓	✓	Please refer to DONGFENG Function List	
VIE\VIE ABS/ESC (DFAC)	✓	✓	✓	✓	A0331, A0332, A0333, A0334, A0335, A0336, A0281, A0337, A0338, A0339, A0082, A0340	S0020, S0111, S0112, S0113, S0114
Mando\Mando ABS (Version I)		✓	✓	✓	A0129, A0134, A0130, A0131, A0136, A0132, A0133, A0142	
Mando\Mando ABS (Version II)		✓	✓	✓	A0129, A0134, A0130, A0135, A0131, A0136, A0132, A0137, A0133, A0142	
Mando\Mando ABS (Version III)		✓	✓	✓	A0129, A0134, A0130, A0135, A0131, A0136, A0132, A0137, A0133, A0142	
Mando\Mando ABS (JMC)	✓	✓	✓	✓	Please refer to JMC Function List	
Asia Pacific\Asia Pacific ABS	✓	✓	✓	✓	A0170, A0171, A0172, A0173, A0174, A0175, A0165, A0164, A0176, A0177, A0178, A0179, A0180, A0181	S0027, S0028
Asia Pacific\Asia Pacific ABS (K) (Hydraulic Brake)	✓	✓	✓	✓	A0045, A0192, A0193, A0194, A0195, A0196, A0197, A0198, A0199	
Asia Pacific\Asia Pacific ABS - VER2		✓	✓	✓	A0055, A0161, A0162, A0163, A0164, A0165, A0166, A0167, A0168, A0169	
Asia Pacific\Asia Pacific ABS - VER3	✓	✓	✓	✓	A0182, A0183, A0184, A0185, A0186, A0187, A0188, A0189, A0153, A0155, A0190, A0191	
Zhengchang\Zhengchang ABS (SAIC Hongyan)	✓	✓	✓			
Zhengchang\Zhengchang ABS (SHACMAN X5000)	✓	✓	✓	✓	Please refer to SHACMAN Function List	
Dingjia\Dingjia ABS (K)	✓	✓	✓	✓		
Dingjia\Dingjia ABS/ESC (CAN)	✓	✓	✓	✓	A0013, A0014, A0015, A0016, A0017, A0018, A0019, A0020, A0021, A0022, A0023, A0024, A0025, A0026, A0027	S0002, S0003, S0004
Continental\Continental ABS (JAC)	✓	✓	✓	✓		S0027, S0097, S0098
Continental\MK60 ABS (Foton Midi)	✓	✓	✓	✓	Please refer to FOTON Function List	
SABS\SABS MK20		✓	✓	✓	A0055, A0161, A0162, A0163, A0164, A0165, A0166, A0167, A0168, A0169	
SABS\SABS MK60	✓	✓	✓	✓	A0170, A0171, A0172, A0173, A0174, A0175, A0165, A0164, A0176, A0177, A0178, A0179, A0180, A0181	S0027, S0028
Ssangyong\TEVES ABS/ESP (Ssangyong)	✓	✓	✓	✓	A0046, A0050, A0047, A0051, A0261, A0262, A0263	S0101, S0102, S0103
Ssangyong\TEVES ABS (Ssangyong)	✓	✓	✓	✓	A0046, A0050, A0047, A0051, A0261, A0262, A0263	S0101, S0102, S0103
Ford\Ford Transit 2.4L ABS	✓	✓	✓	✓		S0029, S0030, S0031
Dongfeng\Dongfeng Off-road Vehicle ABS	✓			✓	A0070, A0201, A0202, A0203, A0204, A0205	
Dongfeng\DETC ABS (K)	✓	✓	✓	✓	A0070, A0071, A0206	
Dongfeng\DETC ABS (J1939)		✓	✓	✓		
Dongfeng\Dongfeng Pneumatic Brake ABS - ASR Control System		✓	✓	✓		
Dongfeng\Haldex ABS (Dongfeng)	✓	✓	✓	✓	Please refer to DONGFENG Function List	
SHACMAN\SHACMAN ABS System (CAN 250K)	✓	✓	✓	✓		
FAW\Localized ABS	✓	✓	✓	✓	A0122, A0123, A0124, A0125, A0126, A0127, A0128, A0200	

FAW\FAW Juneng ABS	✓	✓	✓	✓	Please refer to FAW Function List	
Hongding\Hongding ABS	✓	✓	✓	✓	Please refer to FAW Function List	
Sivco\Sivco ABS	✓	✓	✓	✓		
Boruike\Boruike ABS (FAW Jiefang JC)	✓	✓	✓	✓	Please refer to FAW Function List	
Boruike\Jiaozuo Boruike ABS (K)	✓	✓	✓	✓		
Boruike\Jiaozuo Boruike ABS (CAN)	✓	✓	✓	✓		
Boruike\Jiaozuo Boruike ABS (J1939)		✓	✓			
Shengchanglong\Shengchanglong ABS	✓	✓	✓	✓	A0257, A0258, A0259, A0260	
Delphi\Delphi ABS	✓	✓	✓	✓	Please refer to DELPHI Function List	
Advics\Advics ABS	✓	✓	✓	✓	A0247, A0248, A0249, A0250, A0251, A0252, A0253, A0254, A0255, A0256, A0070	S0099, S0100, S0025
Trinova\Trinova ABS (Dongfeng Tuyi)	✓	✓	✓	✓		
Trinova\Trinova ABS (Dongfeng Xiaobawang)	✓	✓	✓	✓	A0039, A0040, A0041, A0042, A0043, A0044	
Shanghai Hino\ABS (CAN)	✓	✓	✓			
Shanghai Hino\ABS (K) (WABCO)	✓	✓	✓			
Shanghai Hino\ABS (K) (Hino)	✓	✓	✓			
GAC Hino\GAC Hino ABS	✓	✓	✓	✓	Please refer to GUANGQIHINO Function List	
Jiaozuo Jingu\Jiaozuo Jingu ABS (CAN)	✓	✓	✓	✓		
American TRW\TRW ABS	✓	✓	✓	✓		
Xiangyang Xincheng\Xiangyang Xincheng ABS		✓	✓	✓		
Xiangyang Xincheng\Xiangyang Xincheng Hydraulic Pressure ABS	✓	✓	✓	✓		
Japan Isuzu\Isuzu ABS6		✓	✓	✓		
Japan Isuzu\Isuzu ESC		✓	✓	✓		

Special Function Table	
S0001	Manual exhaust
S0002	Read and Write Vehicle Identification Number (VIN)
S0003	Brake fluid filling status
S0004	EOL test status
S0005	Pump Test
S0006	Left front wheel test
S0007	Right front wheel test
S0008	Left rear wheel test
S0009	Right rear wheel test
S0010	offline state
S0011	Two-wheel drive configuration
S0012	Four-wheel drive configuration
S0013	Exhaust function
S0014	Write VIN code
S0015	Write to Repair Shop Code/Diagnostic Serial Number
S0016	ASR function
S0017	Programming matching
S0018	Read and write vehicle code
S0019	ECU number
S0020	Vehicle identification number (VIN)
S0021	Model code
S0022	Software reset
S0023	Steering angle sensor calibration
S0024	Yaw Angle Sensor Calibration
S0025	Hardware reset
S0026	Wheel speed test
S0027	Hydraulic Control Unit Diagnostics
S0028	Exhaust dosing test
S0029	Read Current DTCs
S0030	Read History DTCs
S0031	ABS detection

S0032	ECU reset
S0033	Read and write configuration parameters
S0034	Steering ring ring size
S0035	Steering shaft configuration
S0036	Front drive shaft
S0037	Steering axle tire rolling circumference
S0038	Drive shaft ring size
S0039	Drive Axis Configuration
S0040	Rear drive shaft
S0041	Supportable rear axle
S0042	Drive axle tire rolling circumference
S0043	additional axis teeth Ring size
S0044	Additional shaft configuration
S0045	Additional drive shaft
S0046	Additional shaft
S0047	Additional axle tire rolling circumference
S0048	Retarder control
S0049	Inter-axle differential lock
S0050	Traction Control
S0051	Brake control for traction control function
S0052	Traction Control Function Engine control
S0053	ABS off-road mode
S0054	Activated electronic brake force distribution system
S0055	Activate emergency electronic brake force distribution system
S0056	Activates the trailer PCV solenoid valve
S0057	Pressure Sensor Configuration
S0058	Based on axle load type brake distribution system (ALB) sensor configuration
S0059	Hill start assist (HSA) configuration
S0060	Air outlet valve of the solenoid valve on the right side of the drive shaft
S0061	Air inlet valve of the solenoid valve on the right side of the drive shaft
S0062	Air Outlet valve of the solenoid valve on the left side of the steering shaft
S0063	Air Intake valve of the solenoid valve on the left side of the steering shaft
S0064	Air outlet valve of the solenoid valve on the right side of the additional shaft
S0065	Air inlet valve of the solenoid valve on the right side of the additional shaft
S0066	Differential
S0067	Retarder
S0068	Air outlet valve of the solenoid valve on the left side of the drive shaft
S0069	Air inlet valve of the solenoid valve on the left side of the drive shaft
S0070	Air outlet valve of the solenoid valve on the right side of the steering shaft
S0071	Air Intake valve for solenoid valve on the right side of the steering shaft
S0072	Air outlet valve of the solenoid valve on the left side of the additional shaft
S0073	Air inlet valve of the solenoid valve on the left side of the additional shaft
S0074	Two-position three-way solenoid valve (ASR/TCV valve) steering shaft
S0075	Two-position three-way solenoid valve drive shaft
S0076	ABS warning light
S0077	ASR/TCV indicator light
S0078	Trailer brake lights
S0079	Intake valve for trailer solenoid valve
S0080	Outlet valve for trailer solenoid valve
S0081	Solenoid valve Ground drive 2
S0082	Relays
S0083	Solenoid valve ground drive 1
S0084	Left steering axle 1
S0085	Right steering axle 1
S0086	Left steering axle 2
S0087	Right steering axle 2
S0088	Left steering axle 3
S0089	Right Steering shaft 3
S0090	TSCI torque limit
S0091	Roller mode
S0092	Static calibration steering angle sensor
S0093	Calibrate lateral acceleration sensor
S0094	Dynamic calibration of steering angle sensor
S0095	Reset ECU
S0096	Clear ESP mark Data
S0097	Clear VAP code
S0098	Write VAP code
S0099	Write controller configuration number
S0100	Controller configuration write completed
S0101	Exhaust
S0102	Sensor initialization
S0103	Clear vehicle code
S0104	Switch key reset
S0105	VIN Write
S0106	Write vehicle code
S0107	Engine Brake
S0108	ACT prohibition
S0109	Component reset
S0110	ESC Request
S0111	Static zero calibration of steering angle sensor
S0112	Static zero calibration of combination sensor
S0113	ESC dynamic calibration
S0114	Engine control test

Active Test Table

A0001	Red warning light control
A0002	ABS warning light control
A0003	Pump motor control

A0004	Right rear oil outlet valve control
A0005	Right rear oil inlet valve control
A0006	Left rear oil outlet valve control
A0007	Left rear oil inlet valve control
A0008	Right front oil outlet valve control
A0009	Right front oil inlet valve control
A0010	Left front oil outlet valve control
A0011	Left front oil Inlet Valve Solenoid control
A0012	Pulse Width Modulation (PWM) Duty Cycle in Severe Road Conditions
A0013	Brake lights
A0014	Main relay
A0015	Left front fluid inlet valve
A0016	Left front liquid outlet valve
A0017	Right front liquid inlet valve
A0018	Right front liquid outlet valve
A0019	Left rear liquid inlet valve
A0020	Left rear outlet valve
A0021	Right rear liquid inlet valve
A0022	Right rear liquid outlet valve
A0023	Primary ISO valve [ESC only]
A0024	Secondary ISO valve [only ESC]
A0025	Primary prim valve [ESC only]
A0026	Secondary prim valve [ESC only]
A0027	Brake pump
A0028	Motor (pump)
A0029	Left front wheel valve (booster valve)
A0030	Right front wheel valve (booster valve)
A0031	Left rear wheel valve (booster valve)
A0032	Right rear wheel valve (booster valve)
A0033	Left front wheel valve (pressure reducing valve)
A0034	Right front wheel valve (pressure reducing valve)
A0035	Left rear wheel valve (pressure reducing valve)
A0036	Right rear wheel valve (pressure reducing valve)
A0037	Prohibit speed limit
A0038	Disable relay valve off
A0039	Motor test
A0040	ABS durability test
A0041	TCS durability test
A0042	AYS durability test
A0043	Four-wheel pressurization in turn
A0044	Pressure reducing valve test
A0045	pump motor
A0046	Left front oil inlet valve
A0047	Right front oil inlet valve
A0048	Left rear oil inlet valve
A0049	Right rear oil inlet valve
A0050	Left front oil outlet valve
A0051	Right front oil outlet valve
A0052	Left rear oil outlet valve
A0053	Right rear oil outlet valve
A0054	Speed limit disabled (Vveh 10km/h)
A0055	Pump motor
A0056	Pump Test
A0057	Left front wheel test
A0058	Right front wheel test
A0059	Left rear wheel test
A0060	Right rear wheel test
A0061	Manual exhaust
A0062	ASR (ATC) Disabled
A0063	Reducer failure
A0064	Warning light on
A0065	ASR lamp on
A0066	AUX
A0067	Engine speed test
A0068	ASR system reset
A0069	Pressure test
A0070	ABS Warning Lamp
A0071	ASR warning lamp
A0072	Actuated engine interface
A0073	Engine reducer 1 solenoid valve
A0074	Actuating solenoid valve
A0075	Left guide wheel axle
A0076	Right guide shaft
A0077	Left drive axle
A0078	Right drive axle
A0079	Left third axle
A0080	Right third axle
A0081	DIF valve standard pulse
A0082	ASR lights
A0083	Warning light
A0084	ASR Enable Status
A0085	Left front (LF) state
A0086	Right front (RF) state
A0087	Left rear (LR) state
A0088	Right rear (RR) state
A0089	Left middle (LM) state
A0090	Right middle (RM) state
A0091	ASR differential valve status
A0092	Retarder
A0093	Right front ABS solenoid valve

A0094	Left front ABS solenoid valve
A0095	Right rear ABS solenoid valve
A0096	Left rear ABS solenoid valve
A0097	ASR solenoid valve
A0098	Rear right pressure relief valve control
A0099	Right rear boost valve control
A0100	Rear left pressure relief valve control
A0101	Rear left boost valve control
A0102	Right front pressure relief valve control
A0103	Front right boost valve control
A0104	Front left pressure relief valve control
A0105	Front left boost valve control
A0106	Pump power control
A0107	System relay control
A0108	Solenoid valve on/off control
A0109	Solenoid valve pulse width modulation control
A0110	ABS warning light control
A0111	Red warning light control
A0112	System solenoid valve control
A0113	Front left fuel supply solenoid valve control
A0114	Front left pressure relief solenoid valve control
A0115	Front right fuel supply solenoid valve control
A0116	Right front pressure relief solenoid valve control
A0117	Rear left fuel supply solenoid valve control
A0118	Rear left pressure relief solenoid valve control
A0119	Rear right fuel supply solenoid valve control
A0120	Right rear pressure relief solenoid valve control
A0121	ABS warning lamp
A0122	Right steering shaft
A0123	Left steering axis
A0124	Left drive shaft
A0125	Right drive shaft
A0126	Left third axis
A0127	Right third axis
A0128	Differential valve
A0129	Motor
A0130	Right front solenoid valve (oil inlet)
A0131	Right rear solenoid valve (inlet oil)
A0132	Right front solenoid valve (oil outlet)
A0133	Right rear solenoid valve (oil outlet)
A0134	Left front solenoid valve (inlet oil)
A0135	Left rear solenoid valve (oil inlet)
A0136	Left front solenoid valve (oil outlet)
A0137	Left rear solenoid valve (Oil outlet)
A0138	Front left (FL) wheel solenoid valve
A0139	Right front (FR) wheel solenoid valve
A0140	Rear left (RL) wheel solenoid valve
A0141	Rear right (RR) wheel solenoid valve
A0142	Exhaust mode
A0143	Motor
A0144	Front left inlet valve
A0145	Front left outlet valve
A0146	Front right inlet valve
A0147	Front right outlet valve
A0148	Rear left inlet valve
A0149	Rear left outlet valve
A0150	Rear right inlet valve
A0151	rear right oil valve
A0152	Valve, motor control
A0153	ABS indicator
A0154	ESP indicator
A0155	EBD indicator
A0156	Speed limit disable/enable
A0157	USV1 (ESP)
A0158	USV2 (ESP)
A0159	HSV1 (ESP)
A0160	HSV2 (ESP)
A0161	Valve coil
A0162	Rear left normally closed valve
A0163	Rear left normally opened valve
A0164	Right rear normally closed valve
A0165	Right rear normally open valve
A0166	Front left normally closed valve
A0167	Front left normally open valve
A0168	Front right normally closed valve
A0169	Front right normally open valve
A0170	Left front always open valve
A0171	Left front always closed valve
A0172	Right front always open valve
A0173	Right front always closed valve
A0174	Left rear always open valve
A0175	Left rear always closed valve
A0176	SV1 (special valve 1)
A0177	SV2 (Special Valve 2)
A0178	EUV1 (Electrical Directional Valve 1)
A0179	EUV2 (Electrical Directional Valve 2)
A0180	Booster
A0181	Pump
A0182	Left front boost valve
A0183	Left front pressure reducing valve

A0184	Right front booster valve
A0185	Right front pressure reducing valve
A0186	Left rear booster valve
A0187	Left rear pressure reducing valve
A0188	Right rear booster valve
A0189	Right rear pressure reducing valve
A0190	ABS oil return motor
A0191	Valve relay
A0192	Left front air inlet valve
A0193	Right front air inlet valve
A0194	Left Rear air Inlet Valve
A0195	Right rear air inlet Valve
A0196	Left front exhaust outlet valve
A0197	Right front exhaust outlet valve
A0198	Left Rear air Outlet Valve
A0199	Right rear exhaust outlet valve
A0200	IO control ABS warning light
A0201	ETC lamp
A0202	Brake Alarm Light (EBD)
A0203	Endurance Brake Relay
A0204	Hydraulic pump
A0205	Configuration information
A0206	ASR function
A0207	Individual control motor
A0208	Individual control left front valve boost valve
A0209	Separately control the right front valve booster valve
A0210	Individual control left rear valve boost valve
A0211	Separately control the right rear valve booster valve
A0212	Individual control left front valve pressure reducing valve
A0213	Separately control the right front valve pressure reducing valve
A0214	Separately control the left rear valve minus Pressure valve
A0215	Separately control the right rear valve pressure reducing valve
A0216	Speed limit disabled
A0217	Close valve relay off function
A0218	Air outlet valve of the solenoid valve on the right side of the drive shaft
A0219	Air inlet valve of the solenoid valve on the right side of the drive shaft
A0220	Air Outlet valve of the solenoid valve on the left side of the steering shaft
A0221	Air Intake valve of the solenoid valve on the left side of the steering shaft
A0222	Air outlet valve of the solenoid valve on the right side of the additional shaft
A0223	Air inlet valve of the solenoid valve on the right side of the additional shaft
A0224	Differential
A0225	Air outlet valve of the solenoid valve on the left side of the drive shaft
A0226	Air inlet valve of the solenoid valve on the left side of the drive shaft
A0227	Air outlet valve of the solenoid valve on the right side of the steering shaft
A0228	Air Intake valve for solenoid valve on the right side of the steering shaft
A0229	Air outlet valve of the solenoid valve on the left side of the additional shaft
A0230	Air inlet valve of the solenoid valve on the left side of the additional shaft
A0231	Two-position three-way solenoid valve (ASR/TCV valve) _ steering shaft
A0232	Two-position three-way solenoid valve _ drive shaft
A0233	ABS warning light
A0234	ASR/TCV indicator light
A0235	Trailer brake lights
A0236	Intake valve for trailer solenoid valve
A0237	Outlet valve for trailer solenoid valve
A0238	Solenoid valve Ground drive 2
A0239	Relays
A0240	Solenoid valve ground drive 1
A0241	Left steering axle 1
A0242	Right steering axle 1
A0243	Left steering axle 2
A0244	Right steering axle 2
A0245	Left steering axle 3
A0246	Right Steering shaft 3
A0247	Right front booster valve output
A0248	Right front pressure reducing valve output
A0249	Left front booster valve output
A0250	Left front pressure reducing valve output
A0251	Right rear booster valve output
A0252	Right rear pressure reducing valve output
A0253	Left rear booster valve output
A0254	Left rear pressure reducing valve output
A0255	Valve relay output
A0256	Motor relay output
A0257	Pump motor test
A0258	Wheel pressure/decompression test
A0259	Simultaneously pressurize the four wheels (original vehicle brake)
A0260	Only open the pressure reducing valve (used when vacuum filling)
A0261	Rear inlet valve
A0262	Rear oil outlet valve
A0263	Pump motor drive
A0264	Right rear solenoid decompression
A0265	Right rear solenoid valve supercharged
A0266	Left rear solenoid valve decompression
A0267	Left rear solenoid valve boost
A0268	Right front solenoid valve decompression
A0269	right front solenoid valve boost
A0270	left front solenoid valve decompression
A0271	Left front solenoid valve boost
A0272	System relay
A0273	1st axis right wheel valve

A0274	1st axis left wheel valve
A0275	2nd axis left wheel valve
A0276	2nd axis right wheel valve
A0277	3rd axis left wheel valve
A0278	3rd axis right wheel valve
A0279	Rear axle differential valve
A0280	Front axle Differential valve
A0281	Trailer brake valve
A0282	DBR
A0283	Trailer warning light
A0284	Auxiliary valve 1
A0285	Auxiliary Valve 2
A0286	Auxiliary Valve 3
A0287	Auxiliary valve 4
A0288	Auxiliary valve 5
A0289	Steering axle left wheel solenoid valve detection
A0290	Steering axle right wheel solenoid valve detection
A0291	Drive shaft left wheel solenoid valve detection
A0292	Drive shaft right wheel solenoid valve Detection
A0293	PWM duty cycle for severe road conditions
A0294	Right front solenoid valve
A0295	Left front solenoid valve
A0296	Left rear solenoid valve
A0297	Right rear solenoid valve
A0298	Left-wheel drive pressure control valve
A0299	Right wheel drive pressure control valve
A0300	Left steering wheel pressure control valve
A0301	Right steering wheel pressure control valve
A0302	Left additional wheel pressure control valve
A0303	Right additional wheel pressure control valve
A0304	Trailer pressure control valve
A0305	Drive axle ASR valve
A0306	Steering axle ASR valve
A0307	Warning lights
A0308	ASR status light
A0309	Drive shaft right wheel outlet valve
A0310	Drive shaft right wheel inlet valve
A0311	Steering shaft left wheel outlet valve
A0312	Steering shaft left wheel inlet valve
A0313	Additional shaft right wheel outlet valve
A0314	Additional shaft right wheel inlet valve
A0315	Drive shaft left wheel outlet valve
A0316	Drive shaft left wheel inlet valve
A0317	Steering shaft right wheel outlet valve
A0318	Steering shaft right wheel inlet valve
A0319	Additional shaft left wheel outlet valve
A0320	Additional shaft left wheel inlet valve
A0321	Steering shaft ASR/TCV valve
A0322	Trailer inlet valve
A0323	Trailer outlet valve
A0324	TSCI torque limit
A0325	Left rear wheel oil inlet/outlet valve
A0326	Right rear wheel Oil inlet/outlet valve
A0327	Left front wheel oil inlet/outlet valve
A0328	Right front wheel oil inlet/outlet valve
A0329	ABS hydraulic pump
A0330	Engine brake relay (optional)
A0331	A1R valve
A0332	A1L valve
A0333	A2L valve
A0334	A2R valve
A0335	A3L valve
A0336	A3R valve
A0337	Rear axle ASR valve
A0338	Front axle ASR valve
A0339	ABS lights
A0340	Trailer ABS light