



ABS V13.85 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	✓	✓	✓	✓	A0016, A0085, A0086, A0087, A0088, A0089, A0090, A0091, A0092, A0093, A0179	S0012, S0013, S0014
Bosch\Bosch ABS8. 0	✓	✓	✓	✓		
Bosch\Bosch ABS8	✓	✓	✓	✓	A0016, A0094, A0095, A0096, A0097, A0098, A0099, A0100, A0101, A0093, A0102	S0015, S0016
Bosch\Bosch ABS9	✓	✓	✓	✓	A0073, A0069, A0074, A0070, A0075, A0071, A0076, A0072, A0001	S0017, S0018, S0019, S0020
Bosch\Bosch ABS9. 0	✓	✓	✓	✓	A0118, A0094, A0095, A0096, A0097, A0098, A0099, A0100, A0101, A0093, A0102, A0180, A0181, A0182, A0183, A0184, A0185	
Bosch\Bosch ESP9	✓	✓	✓	✓		
Kormee\Kormee ABS (Air Brake)	✓	✓	✓	✓	A0186, A0187, A0188, A0189, A0190, A0191, A0192, A0193	S0024, S0003
Kormee\Kormee ABS (Hydraulic Brake)	✓	✓	✓	✓	A0026, A0105, A0106, A0107, A0108, A0109, A0110, A0111	S0029, S0030
Kormee\Kormee ABS (K)	✓	✓	✓	✓		
Kormee\Kormee ABS (CAN)		✓	✓	✓		
Kormee\Kormee ABS (CM4XL)	✓	✓	✓	✓	A0014, A0103, A0041, A0104, A0042	
Kormee\Kormee ABS (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
Knorr\Knorr ABS (J1939)		✓	✓			
Knorr\Knorr ABS (K) (Dongfeng)		✓	✓	✓		
Knorr\Knorr ABS (CAN) (Dongfeng)	✓	✓	✓	✓	A0309, A0310, A0311, A0312, A0313, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0321, A0322, A0323, A0324, A0325, A0326	S0062, S0063, S0064
Knorr\Knorr ABS (CAN)	✓	✓	✓	✓	A0240, A0241, A0242, A0243, A0244, A0245, A0246, A0247, A0248, A0249, A0250, A0251, A0252, A0253, A0254, A0255, A0256, A0257, A0258, A0259, A0260, A0240, A0241, A0242, A0243, A0244, A0245, A0246, A0247, A0248, A0249, A0250, A0251, A0252, A0253, A0254, A0255, A0256, A0257, A0258, A0259, A0260	S0045, S0046, S0047, S0042
Knorr\Knorr ABS (JAC)	✓	✓	✓	✓	A0240, A0241, A0242, A0243, A0244, A0245, A0246, A0247, A0248, A0249, A0250, A0251, A0252, A0253, A0254, A0255, A0256, A0257, A0258, A0259, A0260	
Knorr\Knorr ABS/ESC (Foton)	✓	✓	✓	✓	A0240, A0241, A0242, A0243, A0244, A0245, A0246, A0247, A0248, A0249, A0250, A0251, A0252, A0253, A0254, A0255, A0256, A0257, A0258, A0259, A0260	S0065, S0066, S0067, S0068, S0069, S0070, S0071
Knorr\Knorr ABS/ESP (Foton)	✓	✓	✓	✓		S0042, S0072, S0073, S0074
WABCO\WABCO ABS (SINOTRUK)	✓	✓	✓	✓	Please refer to SINOTRUCK Function List	
WABCO\WABCO ABS (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
WABCO\WABCO ABS (DFCV)		✓	✓	✓	A0283, A0284	S0054
WABCO\WABCO ABS (JAC)\WABCO ABS (K) (JAC)	✓	✓	✓	✓	A0186, A0187, A0188, A0189, A0190, A0191, A0192, A0193	
WABCO\WABCO ABS (JAC)\WABCO ABS (CAN) (JAC)	✓	✓	✓	✓		
WABCO\WABCO ABS (Putian)	✓	✓	✓	✓	A0014, A0103, A0041, A0104, A0042	
WABCO\WABCO ABS_K08 version		✓	✓	✓	A0031, A0032, A0033, A0034, A0035, A0036, A0037, A0038, A0039	
WABCO\WABCO ABS_K12 version	✓	✓	✓	✓	A0031, A0032, A0033, A0034, A0035, A0036, A0037, A0038, A0039	S0021, S0003
WABCO\WABCO ABS_K15 version	✓	✓	✓	✓		
WABCO\WABCO ABS_E	✓	✓	✓	✓	A0031, A0032, A0033, A0034, A0035, A0036, A0037, A0038, A0039	
WABCO\WABCO ABS_E Version 2	✓	✓	✓	✓	A0027, A0028, A0029, A0030	
WABCO\WABCO ABS (J1939)		✓	✓			
WABCO\WABCO ABS_D	✓	✓	✓	✓		
WABCO\WABCO ABS/ESC (UDS)	✓	✓	✓	✓	A0194, A0195, A0196, A0197, A0198, A0199, A0200, A0201, A0202, A0203, A0039, A0038, A0204, A0205, A0206, A0207, A0208, A0209	S0025, S0026, S0027, S0028
WABCO\WABCO ABS_J7	✓	✓	✓	✓	Please refer to FAW Function List	
WABCO\WABCO ABS_ECU	✓	✓	✓	✓	A0285, A0286, A0287, A0288, A0289, A0290, A0291, A0292, A0247, A0014, A0038	S0055
WABCO\WABCO ABS D/E/E2 (Hongyan Heavy Trucks)	✓	✓	✓	✓	A0293, A0294, A0295, A0296, A0297	
Delphi\Delphi ABS	✓	✓	✓	✓	Please refer to DELPHI Function List	
Advics\Advics ABS	✓			✓	A0270, A0271, A0272, A0273, A0274, A0275, A0276, A0277, A0278, A0279, A0014	S0048, S0049, S0050
BWI\BWI 7.8 System	✓	✓	✓	✓	A0155, A0156, A0157, A0158, A0159, A0160, A0161, A0162, A0163, A0164	
BWI\BWI 7.4 System	✓	✓	✓	✓	A0165, A0166, A0167, A0168, A0169, A0170, A0171, A0172, A0173, A0174, A0175, A0176, A0177, A0178	

BW1\BW1 DBC 7.8 System	✓	✓	✓	✓	A0155, A0156, A0157, A0158, A0159, A0160, A0161, A0162, A0163, A0164	
BW1\BW1 ABS 7.8(K)	✓	✓	✓	✓	A0363, A0364, A0365, A0366, A0367, A0368, A0369, A0370, A0371, A0372, A0373, A0374	S0036
BW1\BW1 ESC/ABS(CAN)	✓	✓	✓	✓	A0355, A0356, A0357, A0358, A0359, A0360, A0361, A0362, A0001, A0012	S0042, S0078, S0039
VIE\VIE ABS	✓	✓	✓	✓	A0026, A0105, A0106, A0107, A0108, A0109, A0110, A0111	S0029, S0030
VIE\VIE ABS (Version I)	✓	✓	✓	✓	A0118, A0120, A0121, A0123, A0124, A0119, A0126, A0122, A0127	
VIE\VIE ABS (FAW Jiefang)	✓	✓	✓	✓	A0105, A0106, A0107, A0108, A0109, A0110, A0111, A0112	
VIE\VIE Qingqi ABS	✓	✓	✓	✓	A0014, A0113, A0114, A0115, A0116	
VIE\VIE Qingqi ABS (FAW Jiefang)	✓	✓	✓	✓	Please refer to FAW Function List	
VIE\VIE ABS (JAC)\VIE ABS(K) (JAC)	✓	✓	✓	✓	A0117	
VIE\VIE ABS (JAC)\VIE ABS(CAN) (JAC)		✓		✓		
VIE\VIE Pneumatic ABS (JMC)	✓	✓	✓	✓	Please refer to JMC Function List	
Mando\Mando ABS (Version I)		✓	✓	✓	A0118, A0119, A0120, A0121, A0122, A0123, A0124, A0125	
Mando\Mando ABS (Version II)		✓	✓	✓	A0118, A0119, A0120, A0126, A0121, A0122, A0123, A0127, A0124, A0125	
Mando\Mando ABS (Version III)		✓	✓	✓	A0118, A0119, A0120, A0126, A0121, A0122, A0123, A0127, A0124, A0125	
Mando\Mando ABS (JMC)	✓	✓	✓	✓	Please refer to JMC Function List	
Asia-Pacific\Asia-Pacific ABS		✓	✓	✓	A0001, A0128, A0129, A0130, A0131, A0132, A0133, A0134, A0135, A0136	
Asia-Pacific\Asia Pacific ABS - VER2	✓	✓	✓	✓	A0137, A0138, A0139, A0140, A0141, A0142, A0132, A0131, A0143, A0144, A0145, A0146, A0147, A0148	S0022, S0023
Asia-Pacific\Asia-Pacific ABS - VER3	✓	✓	✓	✓	A0298, A0299, A0300, A0301, A0302, A0303, A0304, A0305, A0210, A0212, A0306, A0307	
Asia-Pacific\APG ABS_ Hydraulic (K)	✓	✓	✓	✓	A0016, A0085, A0086, A0087, A0088, A0089, A0090, A0091, A0092	
YOUFIN\YOUFIN Qingqi ABS	✓	✓	✓	✓		S0061, S0037, S0012
YOUFIN\YOUFIN ABS (K)	✓	✓	✓	✓	A0229, A0230, A0231, A0232, A0233, A0234, A0235, A0236, A0237, A0238, A0239	S0036
YOUFIN\YOUFIN ABS(K) (JAC)		✓	✓	✓	A0219, A0014, A0220, A0221, A0222, A0223, A0224, A0225, A0226, A0227, A0228	
YOUFIN\YOUFIN ABS (CAN)	✓	✓	✓	✓	A0001, A0094, A0098, A0095, A0099, A0096, A0100, A0097, A0101, A0210, A0211, A0212, A0213, A0214	S0031, S0032, S0033, S0034, S0035, S0036, S0029, S0037, S0038, S0039
YOUFIN\YOUFIN ESP	✓	✓	✓	✓	A0001, A0094, A0098, A0095, A0099, A0096, A0100, A0097, A0101, A0215, A0216, A0217, A0218, A0210, A0211, A0212, A0213, A0214	S0031, S0032, S0033, S0034, S0035, S0036, S0040, S0041, S0029, S0037, S0038, S0039, S0042, S0043, S0044
SABS\SABS MK20		✓	✓	✓	A0001, A0128, A0129, A0130, A0131, A0132, A0133, A0134, A0135, A0136	
SABS\SABS MK60	✓	✓	✓	✓	A0137, A0138, A0139, A0140, A0141, A0142, A0132, A0131, A0143, A0144, A0145, A0146, A0147, A0148	S0022, S0023
Ford Transit\Ford Transit 2.4L ABS	✓	✓	✓	✓		S0058, S0059, S0060
Hongding ABS	✓	✓	✓	✓	Please refer to FAW Function List	
Dongfeng\Dongfeng SUV ABS	✓			✓	A0014, A0149, A0150, A0151, A0152, A0153	
Dongfeng\DETC ABS\DETC ABS (K)	✓	✓	✓	✓	A0039, A0038, A0154	
Dongfeng\DETC ABS\DETC ABS (CAN)		✓	✓	✓		
Dongfeng\Dongfeng Air Pressure ABS_ASR Control System		✓	✓	✓		
Hande ABS (Dongfeng)	✓	✓	✓	✓	Please refer to DONGFENG Function List	
Sivco\Sivco ABS	✓	✓	✓	✓		
Sivco\Guangxi Sivco ABS	✓	✓	✓	✓	A0039, A0038, A0154	
Shanghai Hino\Anti-lock Brake System (CAN)	✓	✓	✓			
Shanghai Hino\Anti-lock Brake System (WABCO) (K)	✓	✓	✓			
Shanghai Hino\Anti-lock Brake System (Hino) (K)	✓	✓	✓			
SAIC Hongyan\Zhengchang ABS	✓	✓	✓			
Borack\Jiaozuo Borack ABS (J1939)		✓	✓			
Borack\Jiaozuo Borack ABS (CAN)	✓	✓	✓	✓		
Borack\Jiaozuo Borack ABS (K)	✓	✓	✓	✓		
SSANG YONG\TEVES ABS/ESP	✓	✓	✓	✓	A0069, A0073, A0070, A0074, A0280, A0281, A0282	S0051, S0052, S0053

SSANG YONG\TEVES ABS	✓	✓	✓	✓	A0069, A0073, A0070, A0074, A0280, A0281, A0282	S0051, S0052, S0053
GAC Hino ABS	✓	✓	✓	✓	Please refer to GUANGQIHINO Function List	
SINOTRUK\SINOTRUK ABS		✓	✓	✓		
Continental ABS	✓	✓	✓	✓		S0022, S0056, S0057
Japan Isuzu\Isuzu ABS6		✓	✓	✓		
Japan Isuzu\Isuzu ESC		✓	✓	✓		
Jiaozuo Jingu\Jiaozuo Jingu ABS (CAN)	✓	✓	✓	✓		
US TRW\TRW ABS	✓	✓	✓	✓		
XiangYangXinCheng\XiangYangXinCheng ABS		✓	✓	✓		
XiangYangXinCheng\XiangYangXinCheng hydraulic Pressure ABS	✓	✓	✓	✓		
FAW Jiefang\Localized ABS	✓	✓	✓	✓	A0105, A0106, A0107, A0108, A0109, A0110, A0111, A0308	
FAW JUNENG ABS	✓	✓	✓	✓	Please refer to FAW Function List	
SHACMAN ABS System (CAN 250K)	✓	✓	✓	✓		
Shengchanglong ABS	✓	✓	✓	✓	A0328, A0329, A0330, A0331	
SORL ABS (K)	✓	✓	✓	✓	A0332, A0333, A0334, A0335, A0336, A0337, A0338, A0339, A0340, A0341, A0214	S0031, S0032, S0033, S0034, S0035, S0036
Trinova\Trinova ABS (DFAC Tuyi)	✓	✓	✓	✓		
Trinova\Trinova ABS (DFAC Xiaobawang)	✓	✓	✓	✓	A0342, A0343, A0344, A0345, A0346, A0347	
Dingjia ABS\Dingjia ABS (K)	✓	✓	✓	✓		
Dingjia ABS\Dingjia ABS/ESC (CAN)	✓	✓	✓	✓	A0348, A0349, A0094, A0098, A0095, A0099, A0096, A0100, A0097, A0101, A0350, A0351, A0352, A0353, A0354	S0075, S0076, S0077

Special Function Table	
S0001	ABS exhaust
S0002	Modify VIN code
S0003	Write to Repair Shop Code/Diagnostic Serial Number
S0004	ABS exhaust 1. Left rear wheel
S0005	ABS exhaust 2. Left rear wheel
S0006	ABS exhaust 3. Left rear wheel
S0007	ABS exhaust 4. Left Rear wheel
S0008	ABS exhaust right rear wheel
S0009	ABS exhaust left rear wheel
S0010	ABS exhaust left front wheel
S0011	ABS exhaust right front wheel
S0012	Exhaust function
S0013	Hydraulic filling status
S0014	Offline Test Status
S0015	Brake fluid filling status
S0016	EOL test status
S0017	Modify fill status
S0018	Modify the offline test status
S0019	Two-wheel drive configuration
S0020	four-wheel drive configuration
S0021	Write vehicle VIN code
S0022	Hydraulic Control Unit Diagnostics
S0023	Exhaust dosing test
S0024	Write VIN Code
S0025	Engine Brake
S0026	ACT prohibition
S0027	Component reset
S0028	ESC Request
S0029	VIN Write
S0030	Write vehicle code
S0031	Pump Test
S0032	Left front wheel test
S0033	Right front wheel test
S0034	Left rear wheel test
S0035	Right rear wheel test
S0036	Manual exhaust
S0037	Write refill status
S0038	Write offline State
S0039	Software reset
S0040	Steering angle sensor calibration
S0041	Yaw Angle Sensor Calibration
S0042	Hardware Reset
S0043	Fill Test
S0044	Wheel speed test
S0045	ECU configuration
S0046	Roller mode activation and deactivation
S0047	Reset ECU
S0048	Reset
S0049	Controller configuration write completed
S0050	Write controller configuration number
S0051	Exhaust
S0052	Sensor initialization
S0053	Clear vehicle code
S0054	ASR function
S0055	Programming matching
S0056	Clear VAP code

S0057	Write VAP code
S0058	Read current fault code
S0059	Read history fault code
S0060	ABS detection
S0061	Read/Write VIN
S0062	Static calibration steering angle sensor
S0063	Dynamic calibration of steering angle sensor
S0064	Calibrate lateral acceleration sensor
S0065	Read and write configuration parameters
S0066	Roll mode activation and deactivation
S0067	ECU reset
S0068	Calibration SAS
S0069	Calibration AYS
S0070	Enable SAS rapid adjustment
S0071	Clear ESP mark Data
S0072	Roller mode
S0073	Backup mode
S0074	ESP calibration
S0075	Read and write vehicle identification code (VIN)
S0076	Vacuum filling state
S0077	EOL status
S0078	Switch key reset

Active Test Table

A0001	Pump motor
A0002	Left front valve (oil inlet)
A0003	Right front valve (oil inlet)
A0004	Left rear valve (oil inlet)
A0005	Right rear valve (oil inlet)
A0006	Left front valve (oil outlet)
A0007	Right front valve (oil outlet)
A0008	Left rear valve (oil outlet)
A0009	Right rear valve (oil outlet)
A0010	Speed limit failure (vehicle speed 10km/h)
A0011	Valve relay cut-off failure
A0012	System relay
A0013	Red warning light
A0014	ABS Warning Lamp
A0015	Pulse width modulated solenoid valve
A0016	pump motor
A0017	Solenoid valve switch
A0018	Right rear release solenoid valve switch
A0019	Right rear hold solenoid valve switch
A0020	Left rear release solenoid valve switch
A0021	Left rear hold solenoid valve switch
A0022	Right Front Release Solenoid Switch
A0023	Right front hold solenoid switch
A0024	Left front release solenoid valve switch
A0025	Left front hold solenoid switch
A0026	ABS warning lamp
A0027	Steering axle left wheel solenoid valve detection
A0028	Steering axle right wheel solenoid valve detection
A0029	Drive shaft left wheel solenoid valve detection
A0030	Drive shaft right wheel solenoid valve Detection
A0031	Left guide wheel axle
A0032	Right guide shaft
A0033	Left drive axle
A0034	Right drive axle
A0035	Left third axle
A0036	Right third axle
A0037	DIF valve standard pulse
A0038	ASR lights
A0039	Warning Lights
A0040	ASR indicator lamp
A0041	Actuated engine interface
A0042	Actuating solenoid valve
A0043	Actuating the differential valve
A0044	ABS Safety Lamp
A0045	EBD Safety Lamp
A0046	MRA motor pump relay
A0047	EVVL left front oil inlet valve
A0048	AVVL left front oil outlet valve
A0049	EVVR right front oil inlet valve
A0050	AVVR right front oil outlet valve
A0051	EVHR right rear oil inlet valve
A0052	AVHR the right delivery valve
A0053	EVHL left rear oil inlet valve
A0054	AVHL left rear oil outlet valve
A0055	Overheat Protection
A0056	Valve relay is not energized
A0057	User workshop mode speed limit
A0058	ABS hydraulic state FF-AA
A0059	ABS-safety lamp
A0060	EBD-Safety Light
A0061	EVVL left front oil inlet valve
A0062	AVVL left front oil outlet valve
A0063	EVVR right front oil inlet valve
A0064	AVVR right front oil outlet valve
A0065	EVHR right rear oil inlet valve
A0066	AVHR right rear oil outlet valve
A0067	EVHL left rear oil inlet valve
A0068	AVHL left rear oil outlet valve
A0069	Left front oil inlet valve
A0070	Right front oil inlet valve
A0071	Left rear oil inlet valve
A0072	Right rear oil inlet valve
A0073	Left front oil outlet valve
A0074	Right front oil outlet valve
A0075	Left rear oil outlet valve
A0076	Right rear oil outlet valve
A0077	Loop control valve 2 (ESP proprietary)
A0078	Loop control valve 1 (ESP exclusive)
A0079	High-pressure on-off valve 2 (ESP-specific)
A0080	High pressure switch valve 1 (ESP proprietary)
A0081	Speed limiter release

A0082	Steering sensor calibration
A0083	Read network configuration information
A0084	Write network configuration information
A0085	Left front air inlet valve
A0086	Right front air inlet valve
A0087	Left Rear air Inlet Valve
A0088	Right rear air inlet Valve
A0089	Left front exhaust outlet valve
A0090	Right front exhaust outlet valve
A0091	Left Rear air Outlet Valve
A0092	Right rear exhaust outlet valve
A0093	Speed limit disabled
A0094	Left front fluid inlet valve
A0095	Right front liquid inlet valve
A0096	Left rear liquid inlet valve
A0097	Right rear liquid inlet valve
A0098	Left front liquid outlet valve
A0099	Right front liquid outlet valve
A0100	Left rear outlet valve
A0101	Right rear liquid outlet valve
A0102	Disable valve relay off
A0103	ASR warning lamp
A0104	Engine reducer 1 solenoid valve
A0105	Right steering shaft
A0106	Left steering axis
A0107	Left drive shaft
A0108	Right drive shaft
A0109	Left third axis
A0110	Right third axis
A0111	Differential valve
A0112	IO control ABS warning light
A0113	FL wheel solenoid valve
A0114	FR wheel solenoid valve
A0115	RL wheel solenoid valve
A0116	RR wheel solenoid valve
A0117	ABS warning light control
A0118	Motor
A0119	Left front solenoid valve (inlet oil)
A0120	Right front solenoid valve (oil inlet)
A0121	Right rear solenoid valve (inlet oil)
A0122	Left front solenoid valve (oil outlet)
A0123	Right front solenoid valve (oil outlet)
A0124	Right rear solenoid valve (oil outlet)
A0125	Exhaust mode
A0126	Left rear solenoid valve (oil inlet)
A0127	Left rear solenoid valve (Oil outlet)
A0128	Valve coil
A0129	Rear left normally closed valve
A0130	Rear left normally opened valve
A0131	Right rear normally closed valve
A0132	Right rear normally open valve
A0133	Front left normally closed valve
A0134	Front left normally open valve
A0135	Front right normally closed valve
A0136	Front right normally open valve
A0137	Left front always open valve
A0138	Left front always closed valve
A0139	Right front always open valve
A0140	Right front always closed valve
A0141	Left rear always open valve
A0142	Left rear always closed valve
A0143	SV1 (special valve 1)
A0144	SV2 (Special Valve 2)
A0145	EUV1 (Electronic directional valve 1)
A0146	EUV2 (Electrical Directional Valve 2)
A0147	Booster
A0148	Pump
A0149	ETC lamp
A0150	Brake Alarm Light (EBD)
A0151	Endurance Brake Relay
A0152	Hydraulic pump
A0153	Equipment information
A0154	ASR function
A0155	Right rear pressure relief Valve Off Control
A0156	Right rear booster valve open control
A0157	Left rear pressure relief valve closed control
A0158	Left rear booster valve open control
A0159	Right front relief valve off control
A0160	Right front booster valve open control
A0161	Left front pressure relief valve turn off control
A0162	Left front booster valve open control
A0163	Pump power control
A0164	System relay control
A0165	Solenoid valve on/off control
A0166	Motor pump control
A0167	Solenoid valve pulse width modulation control
A0168	ABS warning light control
A0169	Red warning light control
A0170	System solenoid valve control
A0171	Left front fuel supply solenoid valve on/off control
A0172	Left front pressure release solenoid valve on/off control
A0173	Right front oil supply solenoid on/off control
A0174	Right front relief solenoid valve on/off control
A0175	Left rear fuel supply solenoid on/off control
A0176	Left Rear relief solenoid valve on/off control
A0177	Right rear oil supply solenoid valve on/off control
A0178	Right rear pressure relief solenoid valve on/off control
A0179	Disable interrupt valve off
A0180	Pump Test
A0181	Left front wheel test
A0182	Right front wheel test
A0183	Left rear wheel test
A0184	Right rear wheel test
A0185	Manual exhaust
A0186	ASR (ATC) Disabled
A0187	Reducer failure
A0188	Warning light on

A0189	ASR lamp on
A0190	AUX
A0191	Engine speed test
A0192	ASR system reset
A0193	Pressure test
A0194	1st axis right wheel valve
A0195	1st axis left wheel valve
A0196	2nd axis left wheel valve
A0197	2nd axis right wheel valve
A0198	3rd axis left wheel valve
A0199	3rd axis right wheel valve
A0200	Reverse shaft differential valve
A0201	Front axle Differential valve
A0202	Trailer brake valve
A0203	DBR
A0204	Trailer warning light
A0205	Auxiliary valve 1
A0206	Auxiliary Valve 2
A0207	Auxiliary Valve 3
A0208	Auxiliary valve 4
A0209	Auxiliary valve 5
A0210	ABS indicator
A0211	ESP indicator
A0212	EBD indicator
A0213	Speed limit disable/enable
A0214	Disable relay valve off
A0215	USV1(ESP)
A0216	USV2(ESP)
A0217	HSV1(ESP)
A0218	HSV2(ESP)
A0219	Motor
A0220	Front left inlet valve
A0221	Front left outlet valve
A0222	Front right inlet valve
A0223	Front right outlet valve
A0224	Rear left inlet valve
A0225	Rear left outlet valve
A0226	Rear right inlet valve
A0227	rear right oil valve
A0228	Valve, motor control
A0229	Individual control motor
A0230	Individual control left front valve boost valve
A0231	Separately control the right front valve booster valve
A0232	Individual control left rear valve boost valve
A0233	Separately control the right rear valve booster valve
A0234	Individual control left front valve pressure reducing valve
A0235	Separately control the right front valve pressure reducing valve
A0236	Separately control the left rear valve minus Pressure valve
A0237	Separately control the right rear valve pressure reducing valve
A0238	Speed limit disabled
A0239	Close valve relay off function
A0240	Air outlet valve of the solenoid valve on the right side of the drive shaft
A0241	Air inlet valve of the solenoid valve on the right side of the drive shaft
A0242	Air Outlet valve of the solenoid valve on the left side of the steering shaft
A0243	Air Intake valve of the solenoid valve on the left side of the steering shaft
A0244	Air outlet valve of the solenoid valve on the right side of the additional shaft
A0245	Air inlet valve of the solenoid valve on the right side of the additional shaft
A0246	Differential
A0247	Retarder
A0248	Air outlet valve of the solenoid valve on the left side of the drive shaft
A0249	Air inlet valve of the solenoid valve on the left side of the drive shaft
A0250	Air outlet valve of the solenoid valve on the right side of the steering shaft
A0251	Air Intake valve for solenoid valve on the right side of the steering shaft
A0252	Air outlet valve of the solenoid valve on the left side of the additional shaft
A0253	Air inlet valve of the solenoid valve on the left side of the additional shaft
A0254	Two-position three-way solenoid valve (ASR/TCV valve) steering shaft
A0255	Two-position three-way solenoid valve drive shaft
A0256	ABS warning light
A0257	ASR/TCV indicator light
A0258	Trailer brake lights
A0259	Intake valve for trailer solenoid valve
A0260	Outlet valve for trailer solenoid valve
A0261	Solenoid valve Ground drive 2
A0262	Relays
A0263	Solenoid valve ground drive 1
A0264	Left steering axle 1
A0265	Right steering axle 1
A0266	Left steering axle 2
A0267	Right steering axle 2
A0268	Left steering axle 3
A0269	Right Steering shaft 3
A0270	Right front booster valve output
A0271	Right front pressure reducing valve output
A0272	Left front booster valve output
A0273	Left front pressure reducing valve output
A0274	Right rear booster valve output
A0275	Right rear pressure reducing valve output
A0276	Left rear booster valve output
A0277	Left rear pressure reducing valve output
A0278	Valve relay output
A0279	Motor relay output
A0280	Rear inlet valve
A0281	Rear oil outlet valve
A0282	Pump motor drive
A0283	Warning light test
A0284	ASR lamp test
A0285	ASR Enable Status
A0286	Left front (LF) state
A0287	Right front (RF) state
A0288	Left rear (LR) state
A0289	Right rear (RR) state
A0290	Left middle (LM) state
A0291	Right middle (RM) state
A0292	ASR differential valve status
A0293	Right front ABS solenoid valve
A0294	Left front ABS solenoid valve
A0295	Right rear ABS solenoid valve

A0296	Left rear ABS solenoid valve
A0297	ASR solenoid valve
A0298	Left front boost valve
A0299	Left front pressure reducing valve
A0300	Right front booster valve
A0301	Right front pressure reducing valve
A0302	Left rear booster valve
A0303	Left rear pressure reducing valve
A0304	Right rear booster valve
A0305	Right rear pressure reducing valve
A0306	ABS oil return motor
A0307	Valve relay
A0308	IO control ABS warning light
A0309	Left-wheel drive pressure control valve
A0310	Right wheel drive pressure control valve
A0311	Left steering wheel pressure control valve
A0312	Right steering wheel pressure control valve
A0313	Left additional wheel pressure control valve
A0314	Right additional wheel pressure control valve
A0315	Trailer pressure control valve
A0316	Drive axle ASR valve
A0317	Steering axle ASR valve
A0318	Warning lights
A0319	ASR status light
A0320	Steering axle left wheel pressure control valve
A0321	Steering axle right wheel pressure control valve
A0322	Drive axle left wheel pressure control valve
A0323	Drive axle right wheel pressure control valve
A0324	Additional axle left wheel pressure control valve
A0325	Additional axle right wheel pressure control valve
A0326	Torque limit test
A0327	TSCI torque limit
A0328	Pump motor test
A0329	Wheel pressure/decompression test
A0330	Simultaneously pressurize the four wheels (original vehicle brake)
A0331	Only open the pressure reducing valve (used when vacuum filling)
A0332	Motor (pump)
A0333	Left front wheel valve (booster valve)
A0334	Right front wheel valve (booster valve)
A0335	Left rear wheel valve (booster valve)
A0336	Right rear wheel valve (booster valve)
A0337	Left front wheel valve (pressure reducing valve)
A0338	Right front wheel valve (pressure reducing valve)
A0339	Left rear wheel valve (pressure reducing valve)
A0340	Right rear wheel valve (pressure reducing valve)
A0341	Prohibit speed limit
A0342	Motor test
A0343	ABS durability test
A0344	TCS durability test
A0345	AYS durability test
A0346	Four-wheel pressurization in turn
A0347	Pressure reducing valve test
A0348	Brake lights
A0349	Main Relay
A0350	Primary ISO valve [ESC only]
A0351	Secondary ISO valve [only ESC]
A0352	Primary prim valve [ESC only]
A0353	Secondary prim valve [ESC only]
A0354	Brake pump
A0355	Right rear solenoid decompression
A0356	Right rear solenoid valve supercharged
A0357	Left rear solenoid valve decompression
A0358	Left rear solenoid valve boost
A0359	Right front solenoid valve decompression
A0360	right front solenoid valve boost
A0361	left front solenoid valve decompression
A0362	Left front solenoid valve boost
A0363	Red warning light control
A0364	ABS warning light control
A0365	Pump motor control
A0366	Right rear oil outlet valve control
A0367	Right rear oil inlet valve control
A0368	Left rear oil outlet valve control
A0369	Left rear oil inlet valve control
A0370	Right front oil outlet valve control
A0371	Right front oil inlet valve control
A0372	Left front oil outlet valve control
A0373	Left front oil Inlet Valve Solenoid control
A0374	Pulse Width Modulation (PWM) Duty Cycle in Severe Road Conditions