

# FOTON V13.58 Function List

**Note:**

✓ Functions marked with ✓ is fully supported.

System	ECU Info	Read Fault Code	Clear Fault Code	Live Data	Active Test	Special Func
car\Midi\Engine System\4G15 engine\UMC ME7 (MT)	✓	✓	✓	✓	A0421, A0365, A0146, A0562, A0563, A0137, A0564, A0423, A0565, A0566, A0567, A0568, A0569, A0570, A0571, A0572, A0573	
car\Midi\Engine System\4G15 engine\UMC M797.1 (AT)	✓	✓	✓	✓	A0421, A0365, A0146, A0562, A0563, A0137, A0564, A0423, A0565, A0566, A0567, A0568, A0569, A0570, A0571, A0572, A0573	
car\Midi\Engine System\4G13 engine\UMC M797.1	✓	✓	✓	✓	A0421, A0365, A0146, A0562, A0563, A0137, A0564, A0423, A0565, A0574, A0575, A0569, A0570, A0571, A0572	
car\Midi\Engine System\4G18 engine\UMC M797.1	✓	✓	✓	✓	A0421, A0365, A0146, A0562, A0563, A0137, A0564, A0423, A0565, A0574, A0575, A0569, A0570, A0571, A0572	
car\Midi\Engine System\4A91 engine\UMC M780	✓	✓	✓	✓	A0421, A0146, A0562, A0563, A0137, A0576, A0575, A0365, A0565, A0429, A0574	
car\Midi\Engine System\Yunnei Power D16 engine\Bosch diesel common rail system EDC16C39	✓	✓	✓	✓	Please refer to BOSCH Function List	
car\Midi\Engine System\Yunnei Power D16 engine\Bosch Diesel Common Rail System EDC17C55	✓	✓	✓	✓		
car\Midi\Engine System\Yunnei Power D16 engine\Bosch diesel common rail system EDC17C55V421	✓	✓	✓	✓		S0466, S0467, S0468
car\Midi\Engine System\Beijing Foton Cummins (BFCEC) Engine	✓	✓	✓	✓	Please refer to CUMMINS Function List	
car\Midi\Automatic Transmission System\UMC UTC8.1	✓	✓	✓	✓	A0577, A0578, A0579, A0580, A0581, A0162	
car\Midi\Braking System\MK60 ABS	✓	✓	✓	✓	A0582, A0583	S0469, S0470, S0471
car\Midi\Airbag system\Jiule Airbag		✓	✓	✓		
Ouhui Bus\Bosch Automatic Identification	✓	✓	✓	✓	Please refer to BOSCH Function List	
Ouhui Bus\Yuchai Engine	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Weichai Engine	✓	✓	✓	✓	Please refer to WEICHAI Function List	
Ouhui Bus\Cummins Engine\Cummins Engine	✓	✓	✓	✓	Please refer to CUMMINS Function List	
Ouhui Bus\Cummins Engine\Cummins [EcoFit] SCR\Cummins Exhaust Aftertreatment (Cummins engine)	✓	✓	✓	✓	Please refer to CUMMINS Function List	
Ouhui Bus\Cummins Engine\Cummins [EcoFit] SCR\Cummins ACM Exhaust Aftertreatment CM1800 China V System	✓	✓	✓	✓	Please refer to SCR Function List	
Ouhui Bus\Cummins Engine\Cummins [EcoFit] SCR\Cummins ACM Exhaust Aftertreatment CM1800 China IV/V System	✓	✓	✓	✓	Please refer to SCR Function List	
Ouhui Bus\Shangchai Engine	✓	✓	✓	✓	Please refer to SHANGCHAI Function List	
Ouhui Bus\Xichai Engine	✓	✓	✓	✓	Please refer to XICHAI Function List	
Ouhui Bus\Lovol Perkins Engine\Bosch diesel Common Rail system\Perkins-Bosch EDC16UC40 (China IID)\Static diagnostic data	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Ouhui Bus\Lovol Perkins Engine\Bosch diesel Common Rail system\Perkins-Bosch EDC16UC40 (China IID)\Dynamic diagnostic data	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Ouhui Bus\Lovol Perkins Engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV44 SCR (China IV)\Foton P1065_EDC17CV44 SCR CAN	✓	✓	✓	✓	Please refer to BOSCH Function List	
Ouhui Bus\Lovol Perkins Engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV44 SCR (China IV)\Foton P1065_EDC17CV44 SCR K	✓	✓	✓	✓	Please refer to BOSCH Function List	
Ouhui Bus\Lovol Perkins Engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV54 EGR (China IV)\Foton P1064 EDC17CV54 EGR (CAN)	✓	✓	✓	✓	Please refer to BOSCH Function List	
Ouhui Bus\Lovol Perkins Engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV54 EGR (China IV)\Foton P1064 EDC17CV54 EGR (K)	✓	✓	✓	✓	Please refer to BOSCH Function List	
Ouhui Bus\Lovol Perkins Engine\WIT Unit Pump System\Perkins - WIT Unit Pump ECU30 Common Rail System (China V) (500K)	✓	✓	✓	✓	Please refer to SIDA Function List	
Ouhui Bus\Lovol Perkins Engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (ECU25)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Lovol Perkins Engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (RS232)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Lovol Perkins Engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (J1939)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Lovol Perkins Engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (Perkins)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Lovol Perkins Engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System (J1939)	✓	✓	✓	✓	Please refer to DACHAI Function List	

Ouhui Bus\Lovel Perkins Engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump Engine (After 2011)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Lovel Perkins Engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System - R01 Four Cylinder	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Lovel Perkins Engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System - R01 Six Cylinder	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Lovel Perkins Engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System_R02 Four Cylinder Hall	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Lovel Perkins Engine\Nanyue Unit Pump System\Perkins Kings - Nanyue Unit Pump System R03	✓	✓	✓	✓	Please refer to QUANCHAI Function List	
Ouhui Bus\Lovel Perkins Engine\Nanyue Unit Pump System\Perkins - Nanyue OBD	✓	✓	✓	✓	Please refer to DTB Function List	
Ouhui Bus\Lovel Perkins Engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump R04	✓	✓	✓	✓	Please refer to DACHAI Function List	
Ouhui Bus\Lovel Perkins Engine\Nanyue Unit Pump System\Perkins - Nanyue ECU022 (Xinchai)	✓	✓	✓	✓	Please refer to XINCHAI Function List	
Ouhui Bus\Lovel Perkins Engine\Nanyue Unit Pump System\Perkins - Nanyue ECU4PH China IV Engine	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Ouhui Bus\Lovel Perkins Engine\Creative Jie CNG system	✓	✓	✓	✓	A0136, A0010, A0002, A0137, A0138, A0139	
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Weichai Engine	✓	✓	✓	✓	Please refer to WEICHAI Function List	
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Cummins Engine\Cummins Diesel Engine System Automatic Scan	✓	✓	✓	✓	Please refer to CUMMINS Function List	
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Cummins Engine\Cummins [EcoFit] SCR\Cummins Exhaust Aftertreatment (Cummins engine)	✓	✓	✓	✓	Please refer to CUMMINS Function List	
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Cummins Engine\Cummins [EcoFit] SCR\Cummins ACM Exhaust Aftertreatment CM1800 China V System	✓	✓	✓	✓	Please refer to SCR Function List	
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Cummins Engine\Cummins [EcoFit] SCR\Cummins ACM Exhaust Aftertreatment CM1800 China IV/V System	✓	✓	✓	✓	Please refer to SCR Function List	
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Shangchai Engine	✓	✓	✓	✓	Please refer to SHANGCHAI Function List	
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Perkins engine	✓	✓	✓	✓	Please refer to PERKINS Function List	
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Yuchai Engine	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Mercedes-Benz engine\MR(OM457) Engine System	✓	✓	✓	✓	A0340, A0341, A0342, A0343, A0344, A0345, A0346, A0347, A0348, A0349	S0111, S0112, S0113, S0114, S0115, S0116, S0117, S0118, S0119, S0120, S0121, S0122, S0123, S0124, S0125, S0126, S0127
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Mercedes-Benz engine\CPC standard power controller	✓	✓	✓	✓	A0140, A0141	S0081, S0082, S0083, S0084, S0085, S0086
Auman heavy truck\Auman traditional energy heavy truck\Engine System\Beijing Foton Cummins (BFCEC) China VI Gas Machine		✓	✓	✓	A0792, A0793, A0794, A0795, A0796, A0797, A0798, A0799, A0800, A0801, A0802, A0803, A0804, A0805, A0806, A0807, A0808, A0809, A0810, A0811, A0812,	S0098
Auman heavy truck\Auman traditional energy heavy truck\Auto Trans\Fast AMT	✓	✓	✓	✓		S0012
Auman heavy truck\Auman traditional energy heavy truck\Auto Trans\ZF gearbox	✓	✓	✓	✓	A0465, A0466, A0467, A0468, A0469, A0470, A0471, A0472, A0473, A0474, A0475, A0476, A0477, A0478, A0479	S0012, S0014, S0245, S0246, S0247, S0248, S0249, S0250
Auman heavy truck\Auman traditional energy heavy truck\Body System\Foton CBCU	✓	✓	✓	✓	Please refer to CBCU Function List	
Auman heavy truck\Auman traditional energy heavy truck\Body System\Foton CBCU3 (H5 dedicated)	✓	✓	✓	✓	Please refer to CBCU Function List	
Auman heavy truck\Auman traditional energy heavy truck\Body System\Smart CBCU	✓	✓	✓	✓	Please refer to CBCU Function List	
Auman heavy truck\Auman traditional energy heavy truck\Body System\Shanghai Zhibo BDM Body Controller (Auman Planet)	✓	✓	✓	✓	A0039, A0054, A0055, A0056, A0057	S0493, S0257, S0258, S0259, S0494, S0260
Auman heavy truck\Auman traditional energy heavy truck\Instrument System\H5 combination meter diagnosis (H4376010002A0)	✓			✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0074, A0075, A0076, A0077, A0078, A0079, A0044, A0043, A0045, A0080, A0081, A0082, A0083,	S0012, S0013, S0014, S0015, S0016, S0017, S0018, S0019, S0020, S0021, S0022, S0023, S0024, S0025, S0026, S0027, S0028, S0029, S0030, S0031, S0032,
Auman heavy truck\Auman traditional energy heavy truck\Instrument System\H4B combination meter diagnosis (H4376010006A0)	✓			✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0074, A0075, A0076, A0077, A0078, A0079, A0044, A0043, A0045, A0080, A0081, A0082, A0083,	S0012, S0013, S0014, S0015, S0016, S0017, S0046, S0047, S0048, S0049, S0050, S0051, S0032, S0052, S0053, S0054, S0055, S0056, S0057, S0058, S0059,
Auman heavy truck\Auman traditional energy heavy truck\Instrument System\New Tongda M4 instrument cluster (Auman planet)	✓	✓	✓	✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0489, A0256, A0078, A0079, A0265, A0044, A0043, A0045, A0080,	S0012, S0251, S0010, S0253, S0254, S0011
Auman heavy truck\Auman traditional energy heavy truck\Door Control System\Door Controller (one-key Start)	✓	✓	✓			S0490, S0130
Auman heavy truck\Auman traditional energy heavy truck\Door Control System\Door Controller (not one-key Start)\Basic Diagnostic Function\Left Door Control		✓	✓			
Auman heavy truck\Auman traditional energy heavy truck\Door Control System\Door Controller (not one-key Start)\Basic Diagnostic Function\Right Door Control		✓	✓			
Auman heavy truck\Auman traditional energy heavy truck\Door Control System\Door Controller (not one-key Start)\Key Learning Function						S0294, S0295
Auman heavy truck\Auman traditional energy heavy truck\Door Control System\New Access Door Controller (Oman Planet)	✓	✓	✓	✓	A0039, A0054, A0055, A0056, A0057	S0257, S0258, S0259, S0260
Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\WABCO ABS	✓	✓	✓	✓	Please refer to ABS Function List	

Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\WABCO ABS_K08 version	✓	✓	✓	✓	Please refer to ABS Function List	
Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\WABCO ABS_K12 version	✓	✓	✓	✓	Please refer to ABS Function List	
Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\WABCO Overseas	✓	✓	✓	✓	Please refer to WABCO Function List	
Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\Knorr ABS	✓	✓	✓	✓	A0390, A0391, A0392, A0393, A0394, A0395, A0396, A0397, A0398, A0399, A0400, A0401, A0402, A0403, A0404, A0405, A0406, A0407, A0408, A0409, A0410,	S0134, S0197
Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\Knorr ABS/ESC (Foton)	✓	✓	✓	✓	Please refer to ABS Function List	
Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\Knorr EBS/ESP (Foton)	✓	✓	✓	✓	A0432	S0004, S0201, S0202, S0203
Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\SORL Kormee Brake System	✓	✓	✓	✓	A0616, A0617, A0618, A0619	S0491, S0492
Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\Shanghai Zibo Automatic Emergency Braking System (AEBS)	✓	✓	✓	✓		S0004
Auman heavy truck\Auman traditional energy heavy truck\Anti-lock Brake System (ABS)\DETC ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Auman heavy truck\Auman traditional energy heavy truck\Air Suspension System\WABCO Air Suspension System (ECAS)	✓	✓	✓	✓	A0434, A0435, A0436, A0437, A0438, A0439, A0440, A0441, A0442, A0443, A0444, A0445, A0446, A0447, A0448, A0449, A0450, A0451, A0278, A0452, A0453,	S0134, S0012, S0218, S0219, S0220, S0221, S0222, S0223, S0224, S0225, S0226
Auman heavy truck\Auman traditional energy heavy truck\Air Suspension System\SORL Air Suspension (ECAS)	✓	✓	✓	✓	Please refer to SHACMAN Function List	
Auman heavy truck\Auman traditional energy heavy truck\Retarder System\ZF retarder\Enter System	✓	✓	✓	✓		S0012
Auman heavy truck\Auman traditional energy heavy truck\Retarder System\Fast retarder	✓	✓	✓			
Auman heavy truck\Auman traditional energy heavy truck\tire pressure system\WABCO tire pressure system	✓	✓	✓	✓		S0227
Auman heavy truck\Auman traditional energy heavy truck\tire pressure system\Sensata Tire Pressure Monitoring System (TPMS)	✓	✓	✓			
Auman heavy truck\Auman traditional energy heavy truck\tire pressure system\Pilot TPMS	✓	✓	✓	✓		S0381, S0495, S0496, S0497, S0498, S0499, S0500, S0501, S0502, S0503, S0504, S0505, S0506, S0507, S0508, S0509, S0510, S0511, S0512, S0513, S0514,
Auman heavy truck\Auman traditional energy heavy truck\One-button starting system	✓	✓	✓	✓	A0606, A0607, A0608, A0609, A0610, A0611, A0612, A0613, A0614, A0615	S0476, S0477, S0130, S0478, S0479
Auman heavy truck\Auman traditional energy heavy truck\Around View Monitor	✓	✓	✓	✓		S0480, S0481, S0482, S0483, S0004, S0130
Auman heavy truck\Auman traditional energy heavy truck\Danger Warning System\Danger Warning System (FCW+FDW)	✓	✓	✓	✓		S0484, S0381, S0485, S0088, S0251, S0004, S0130
Auman heavy truck\Auman traditional energy heavy truck\Danger Warning System\Knorr Automatic Emergency Braking System\Knorr AEBS Radar System	✓	✓	✓	✓		S0486
Auman heavy truck\Auman traditional energy heavy truck\Danger Warning System\Knorr Automatic Emergency Braking System\Knorr AEBS Camera System	✓	✓	✓	✓		S0487
Auman heavy truck\Auman traditional energy heavy truck\Danger Warning System\Shanghai Zibo Dual Early Warning System (FCW LDWS)\Shanghai Zibo Radar System	✓	✓	✓	✓		S0014, S0517, S0004
Auman heavy truck\Auman traditional energy heavy truck\Danger Warning System\Shanghai Zibo Dual Early Warning System (FCW LDWS)\Shanghai Zibo camera system	✓	✓	✓			S0014, S0493, S0004
Auman heavy truck\Auman traditional energy heavy truck\Danger Warning System\Shanghai Zibo Dual Early Warning System (Ouman Planet)\Shanghai Zibo Radar System	✓	✓	✓	✓		S0014, S0517, S0004
Auman heavy truck\Auman traditional energy heavy truck\Danger Warning System\Shanghai Zibo Dual Early Warning System (Ouman Planet)\Shanghai Zibo camera system	✓	✓	✓			S0518
Auman heavy truck\Auman traditional energy heavy truck\Driver Monitoring System	✓	✓	✓	✓		S0004, S0381, S0485, S0488
Auman heavy truck\Auman traditional energy heavy truck\Multimedia Navigation System	✓	✓	✓	✓		S0381, S0004, S0130, S0489
Auman heavy truck\Auman traditional energy heavy truck\Internet of Vehicles System (TBOX)	✓	✓	✓	✓		S0103, S0205, S0206, S0207, S0208, S0209
Auman heavy truck\Auman traditional energy heavy truck\Electronic Horizon System (PCC)	✓	✓	✓	✓		S0381, S0004, S0519
Auman heavy truck\Auman traditional energy heavy truck\Mobile phone wireless charging system (PWCM)	✓	✓	✓			S0004
Auman heavy truck\Auman traditional energy heavy truck\Air conditioning controller (HAVC)	✓	✓	✓	✓		S0014, S0004
Auman heavy truck\Auman traditional energy heavy truck\Electronic Parking System (EPB)	✓	✓	✓			S0465, S0608, S0004
Auman heavy truck\Auman traditional energy heavy truck\Driving recorder VDR	✓	✓	✓	✓		S0520, S0381
Auman heavy truck\Auman New Energy Heavy Truck\Quick Test	✓	✓	✓			
Auman heavy truck\Auman New Energy Heavy Truck\Vehicle Controller System	✓	✓	✓	✓		S0521, S0522, S0523, S0010, S0524
Auman heavy truck\Auman New Energy Heavy Truck\Motor Control System (MCU)\Motor Control System (MCU)	✓	✓	✓	✓		S0279, S0280

Auman heavy truck\Auman New Energy Heavy Truck\Motor Control System (MCU)\Green control motor control system (Auman)		√	√			
Auman heavy truck\Auman New Energy Heavy Truck\Transmission system (TCU)	√	√	√	√		S0098
Auman heavy truck\Auman New Energy Heavy Truck\Battery Management System (BMS)\Battery Management System (BMS)	√	√	√	√	A0494, A0495, A0496, A0497, A0498, A0499, A0500, A0501, A0502, A0503, A0504, A0505	S0002
Auman heavy truck\Auman New Energy Heavy Truck\Battery Management System (BMS)\CATL Battery Management System (Auman)		√	√			
Auman heavy truck\Auman New Energy Heavy Truck\DC Converter (DCDC)	√	√	√	√		
Auman heavy truck\Auman New Energy Heavy Truck\Combination Meter System (ICM)	√			√	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0074, A0075, A0076, A0077, A0078, A0079, A0044, A0043, A0045, A0080, A0081, A0082, A0083,	S0012, S0013, S0014, S0015, S0016, S0017, S0018, S0019, S0020, S0021, S0022, S0023, S0024, S0025, S0026, S0027, S0028, S0029, S0030, S0031, S0032,
Auman heavy truck\Auman New Energy Heavy Truck\Body System (BCU)	√	√	√	√	Please refer to CBCU Function List	
Omar truck\Engine System\491 gasoline engine\Delphi System\MT20U (old version)		√	√	√	A0279, A0010, A0146, A0144, A0280, A0281, A0282, A0283	
Omar truck\Engine System\491 gasoline engine\Delphi System\MT20U (new version)	√	√	√	√	A0278, A0010, A0146, A0144, A0143, A0142	
Omar truck\Engine System\491 gasoline engine\Delphi System\MT20U2	√	√	√	√	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
Omar truck\Engine System\491 gasoline engine\Delphi System\MT22U	√	√	√	√	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102
Omar truck\Engine System\4JBIT Diesel Engine\Bosch diesel Common Rail system\Bosch EDC17-26E (China IV)	√	√	√	√		
Omar truck\Engine System\4JBIT Diesel Engine\Bosch diesel Common Rail system\Bosch Automatic Identification	√	√	√	√	Please refer to BOSCH Function List	
Omar truck\Engine System\4JBIT Diesel Engine\VE pump System		√	√	√	A0336, A0337, A0338, A0339	
Omar truck\Engine System\Beijing Foton Cummins (BFCEC) Engine\Cummins automatic detection	√	√	√	√	Please refer to CUMMINS Function List	
Omar truck\Engine System\Beijing Foton Cummins (BFCEC) Engine\Cummins [EcoFit] SCR\Cummins Exhaust Aftertreatment (Cummins engine)	√	√	√	√	Please refer to CUMMINS Function List	
Omar truck\Engine System\Beijing Foton Cummins (BFCEC) Engine\Cummins [EcoFit] SCR\Cummins ACM Exhaust Aftertreatment CM1800 China V System	√	√	√	√	Please refer to SCR Function List	
Omar truck\Engine System\Beijing Foton Cummins (BFCEC) Engine\Cummins [EcoFit] SCR\Cummins ACM Exhaust Aftertreatment CM1800 China IV/V System	√	√	√	√	Please refer to SCR Function List	
Omar truck\Engine System\Perkins engine\Perkins bosch EDC16UC40 (China III)\Static diagnostic data	√	√	√	√	Please refer to CHAOCHAI Function List	
Omar truck\Engine System\Perkins engine\Perkins bosch EDC16UC40 (China III)\Dynamic diagnostic data	√	√	√	√	Please refer to CHAOCHAI Function List	
Omar truck\Engine System\Perkins engine\Lovol EDC17 (IE4D EGR/IE6D SCR)\IE4D+EGR	√	√	√	√	Please refer to PERKINS Function List	
Omar truck\Engine System\Perkins engine\Lovol EDC17 (IE4D EGR/IE6D SCR)\IE6D+SCR	√	√	√	√	Please refer to PERKINS Function List	
Omar truck\Engine System\Perkins engine\Lovol EDC17CV54 Exhaust Gas Recirculation (China IV)\Foton P1064 EDC17CV54 with EGR(CAN)	√	√	√	√	Please refer to BOSCH Function List	
Omar truck\Engine System\Perkins engine\Lovol EDC17CV54 Exhaust Gas Recirculation (China IV)\Foton P1064 EDC17CV54 with EGR(K)	√	√	√	√	Please refer to BOSCH Function List	
Omar truck\Engine System\Perkins engine\Lovol EDC17CV44 AdBlue (China IV)\Foton P1065_EDC17CV44 SCR CAN	√	√	√	√	Please refer to BOSCH Function List	
Omar truck\Engine System\Perkins engine\Lovol EDC17CV44 AdBlue (China IV)\Foton P1065_EDC17CV44 SCR K	√	√	√	√	Please refer to BOSCH Function List	
Omar truck\Engine System\Perkins engine\WIT Unit Pump\WIT Unit Pump System (ECU25)	√	√	√	√	Please refer to YUCHAI Function List	
Omar truck\Engine System\Perkins engine\WIT Unit Pump\WIT Unit Pump System (RS232)	√	√	√	√	Please refer to YUCHAI Function List	
Omar truck\Engine System\Perkins engine\WIT Unit Pump\WIT Unit Pump System (J1939)	√	√	√	√	Please refer to YUCHAI Function List	
Omar truck\Engine System\Perkins engine\WIT Unit Pump\WIT Unit pump System (Perkins)	√	√	√	√	Please refer to YUCHAI Function List	
Omar truck\Engine System\Perkins engine\Nanyue Unit Pump\Nanyue Unit Pump System (J1939)	√	√	√	√	Please refer to DACHAI Function List	
Omar truck\Engine System\Perkins engine\Nanyue Unit Pump\Nanyue Unit Pump System R01 Four Cylinder	√	√	√	√	Please refer to YUCHAI Function List	
Omar truck\Engine System\Perkins engine\Nanyue Unit Pump\Nanyue Unit Pump system R01 Six Cylinder	√	√	√	√	Please refer to YUCHAI Function List	
Omar truck\Engine System\Perkins engine\Nanyue Unit Pump\Nanyue Unit Pump System R02 Four Cylinder Hall	√	√	√	√	Please refer to YUCHAI Function List	
Omar truck\Engine System\Perkins engine\Creative Jie CNG system	√	√	√	√	A0136, A0010, A0002, A0137, A0138, A0139	
Omar truck\Anti-lock Brake System (ABS)\WABCO ABS_K08 version	√	√	√	√	Please refer to ABS Function List	

Omar truck\Anti-lock Brake System (ABS)\WABCO ABS_K12 version	✓	✓	✓	✓	Please refer to ABS Function List	
Omar truck\Anti-lock Brake System (ABS)\WABCO ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Omar truck\Anti-lock Brake System (ABS)\WABCO Overseas	✓	✓	✓	✓	Please refer to WABCO Function List	
Omar truck\Anti-lock Brake System (ABS)\Türkiye Euro 6 AEBS	✓	✓	✓	✓		S0266, S0267, S0268, S0269
Omar truck\Anti-lock Brake System (ABS)\Türkiye Euro 6 EBS	✓	✓	✓	✓		S0609, S0610, S0611
Omar truck\Anti-lock Brake System (ABS)\YOUFIN ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Omar truck\Anti-lock Brake System (ABS)\Kormee (Pneumatic Brake)	✓	✓	✓	✓	Please refer to ABS Function List	
Omar truck\Anti-lock Brake System (ABS)\Kormee (Hydraulic Brake)	✓	✓	✓	✓	Please refer to ABS Function List	
Omar truck\Anti-lock Brake System (ABS)\Knorr EBS/ESP	✓	✓	✓	✓	A0432	S0004, S0201, S0202, S0203
Omar truck\Anti-lock Brake System (ABS)\Knorr ABS	✓	✓	✓	✓	A0390, A0391, A0392, A0393, A0394, A0395, A0396, A0397, A0398, A0399, A0400, A0401, A0402, A0403, A0404, A0405, A0406, A0407, A0408, A0409, A0410,	S0134, S0197
Omar truck\Anti-lock Brake System (ABS)\DETC ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Omar truck\Anti-lock Brake System (ABS)\Advics ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Omar truck\Combinatorial instrument\Instrument System	✓	✓	✓	✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0489, A0256, A0078, A0079, A0265, A0044, A0043, A0045, A0080,	S0012, S0251, S0010, S0253, S0254, S0011
Omar truck\Combinatorial instrument\Combinatorial instrument	✓	✓	✓	✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0489, A0078, A0079, A0265, A0044, A0043, A0045, A0080, A0480,	S0012, S0251, S0010, S0253, S0254, S0529, S0011
Omar truck\Body system (BCM)\Body Controller BDM	✓	✓	✓	✓	A0039, A0054, A0055, A0056, A0057	S0493, S0257, S0258, S0259, S0494, S0260
Omar truck\Body system (BCM)\Shanghai Zhibo M4 light truck	✓	✓	✓	✓	A0620, A0621, A0059, A0622, A0623, A0624, A0625, A0045, A0626, A0627, A0628, A0629, A0630, A0631, A0632, A0633, A0634, A0635, A0636, A0637, A0638,	S0529, S0378, S0530, S0531, S0259, S0532, S0533
Omar truck\Tire Pressure System (TPMS)\Tire Pressure Control System (0 Range)	✓	✓	✓	✓		S0211, S0261, S0262, S0213, S0214, S0215, S0103, S0263, S0264, S0265
Omar truck\Tire Pressure System (TPMS)\Pilot TPMS	✓	✓	✓	✓		S0381, S0495, S0496, S0497, S0498, S0499, S0500, S0501, S0502, S0503, S0504, S0505, S0506, S0507, S0508, S0509, S0510, S0511, S0512, S0513, S0514,
Omar truck\Internet of Vehicles System (TBOX)	✓	✓	✓	✓		S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Omar truck\Door Control System	✓	✓	✓	✓	A0039, A0054, A0055, A0056, A0057	S0257, S0258, S0259, S0260
Omar truck\Dual Early Warning System (ADAS)\Shanghai Zhibo Radar System	✓	✓	✓	✓		S0014, S0517, S0004
Omar truck\Dual Early Warning System (ADAS)\Shanghai Zhibo Camera System	✓	✓	✓			S0518
Omar truck\Air Suspension System (ECAS)	✓	✓	✓	✓	A0434, A0435, A0436, A0437, A0438, A0439, A0440, A0441, A0442, A0443, A0444, A0445, A0446, A0447, A0448, A0449, A0450, A0451, A0278, A0452, A0453,	S0134, S0012, S0218, S0219, S0220, S0221, S0222, S0223, S0224, S0225, S0226
Omar truck\Steering Motor Controller	✓	✓	✓			S0010, S0274, S0275, S0276, S0004, S0130
Omar truck\Anti-theft System (IMMO)	✓	✓	✓	✓		S0270, S0271, S0272
Omar truck\Transmission system\Wanliyang transmission system	✓	✓	✓	✓	A0065	
Omar truck\Transmission system\ZF gearbox	✓	✓	✓	✓	A0656, A0657, A0658, A0659, A0660, A0661, A0662, A0663, A0664, A0665, A0470, A0666, A0667, A0668, A0669, A0670, A0671, A0672, A0673	S0094, S0534
Omar truck\Transmission system\Fast 6-speed transmission system	✓	✓	✓	✓	A0833	S0525, S0584, S0585, S0586
Omar truck\Transmission system\Fast 8-speed transmission system	✓	✓	✓	✓	A0833	S0525, S0584, S0585, S0586
Omar truck\Transmission system\Marelli gearbox controller	✓	✓	✓	✓	A0834, A0835, A0836, A0837, A0838	S0381, S0004, S0587, S0588, S0589, S0590, S0591, S0592, S0593, S0594
Omar truck\Driving recorder VDR	✓	✓	✓	✓		S0520, S0381
Omar truck\Kormee Electronic Parking Brake	✓	✓	✓			S0098, S0464
Omar truck\One-button starting system	✓	✓	✓	✓	A0839, A0840, A0841, A0842, A0843, A0844	S0595, S0596, S0378, S0002
Omar truck\New Energy\Quick Test	✓	✓	✓			
Omar truck\New Energy\Vehicle Controller System\VCU (16 bits, 2015)	✓	✓	✓	✓	A0326, A0332, A0328, A0329, A0585, A0586, A0335	
Omar truck\New Energy\Vehicle Controller System\VCU (16 bits, 2017)	✓	✓	✓	✓	A0326, A0332, A0328, A0329, A0585, A0586, A0335, A0587, A0588, A0589, A0590, A0591, A0592, A0593, A0594, A0595, A0596, A0597, A0598, A0599, A0600,	

Omar truck\New Energy\Vehicle Controller System\VCU (32-bit)	✓	✓	✓	✓		S0273
Omar truck\New Energy\BMS battery management system	✓	✓	✓	✓	A0494, A0495, A0496, A0497, A0498, A0499, A0500, A0501, A0502, A0503, A0504, A0505	S0002
Omar truck\New Energy\MCU motor controller	✓	✓	✓	✓		S0279, S0280, S0002, S0391
Omar truck\New Energy\OBC Vehicle Charger	✓	✓	✓	✓		
Omar truck\New Energy\DCDC converter	✓	✓	✓	✓		
Omar truck\New Energy\Steering Motor Controller\Steering Motor Controller DCAC	✓	✓	✓	✓		S0391
OLLIN truck \Engine System\T3\Wuhan LinControl\Wuhan LinControl 1	✓	✓	✓	✓		S0014
OLLIN truck \Engine System\T3\Wuhan LinControl\Wuhan LinControl 2	✓	✓	✓	✓		S0228
OLLIN truck \Engine System\T3\Huaxia Longhui\Sun & Teck Science EMS	✓	✓	✓	✓	A0162, A0455, A0456, A0457, A0278, A0458, A0459, A0460, A0461, A0462, A0463, A0464	S0230, S0231, S0232, S0233, S0234, S0235, S0236, S0237, S0238, S0239, S0240, S0241, S0242, S0014
OLLIN truck \Engine System\TX\486 engine\UMC M780	✓	✓	✓	✓	A0421, A0146, A0137, A0422, A0423	S0198, S0199
OLLIN truck \Engine System\TX\486 engine\Wuhan LinControl 1	✓	✓	✓	✓		S0014
OLLIN truck \Engine System\TX\486 engine\Wuhan LinControl 2	✓	✓	✓	✓		S0228
OLLIN truck \Engine System\TX\491 engine\Delphi System\MT200 (old version)		✓	✓	✓	A0279, A0010, A0146, A0144, A0280, A0281, A0282, A0283	
OLLIN truck \Engine System\TX\491 engine\Delphi System\MT200 (new version)	✓	✓	✓	✓	A0278, A0010, A0146, A0144, A0143, A0142	
OLLIN truck \Engine System\TX\491 engine\Delphi System\MT2002	✓	✓	✓	✓	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296, A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0002, S0096, S0097
OLLIN truck \Engine System\TX\491 engine\Delphi System\MT22U	✓	✓	✓	✓		S0103, S0104, S0105, S0100, S0101, S0102
OLLIN truck \Engine System\TX\491 engine\Shanghai dual-phase fuel system		✓	✓	✓		
OLLIN truck \Engine System\TX\4JB1 engine\Bosch diesel Common Rail system\Bosch EDC17-26E (China IV)	✓	✓	✓	✓		
OLLIN truck \Engine System\TX\4JB1 engine\Bosch diesel Common Rail system\Bosch Automatic Identification	✓	✓	✓	✓	Please refer to BOSCH Function List	
OLLIN truck \Engine System\TX\4JB1 engine\VE pump System		✓	✓	✓	A0336, A0337, A0338, A0339	
OLLIN truck \Engine System\TX\Lovel engine\Bosch diesel Common Rail system\Bosch EDC16UC40 (China III)\Static diagnostic data	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\Bosch diesel Common Rail system\Bosch EDC16UC40 (China III)\Dynamic diagnostic data	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\Bosch diesel Common Rail system\Lovel - Bosch EDC17CV44 SCR (China IV)\Foton P1065.EDC17CV44 SCR CAN	✓	✓	✓	✓	Please refer to BOSCH Function List	
OLLIN truck \Engine System\TX\Lovel engine\Bosch diesel Common Rail system\Lovel - Bosch EDC17CV44 SCR (China IV)\Foton P1065.EDC17CV44 SCR K	✓	✓	✓	✓	Please refer to BOSCH Function List	
OLLIN truck \Engine System\TX\Lovel engine\Bosch diesel Common Rail system\Lovel - Bosch EDC17CV54 EGR (China IV)\Foton P1064 EDC17CV54 EGR (CAN)	✓	✓	✓	✓	Please refer to BOSCH Function List	
OLLIN truck \Engine System\TX\Lovel engine\Bosch diesel Common Rail system\Lovel - Bosch EDC17CV54 EGR (China IV)\Foton P1064 EDC17CV54 EGR (K)	✓	✓	✓	✓	Please refer to BOSCH Function List	
OLLIN truck \Engine System\TX\Lovel engine\WIT Unit Pump System\WIT Unit Pump System (ECU25)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\WIT Unit Pump System\WIT Unit Pump System (RS232)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\WIT Unit Pump System\WIT Unit Pump System (J1939)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\WIT Unit Pump System\WIT Unit pump System (Perkins)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\Nanyue Unit Pump System\Nanyue Unit Pump System (J1939)	✓	✓	✓	✓	Please refer to DACHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\Nanyue Unit Pump System\Nanyue Unit Pump System R01 Four Cylinder	✓	✓	✓	✓	Please refer to YUCHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\Nanyue Unit Pump System\Nanyue Unit Pump System R01 Six Cylinder	✓	✓	✓	✓	Please refer to YUCHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\Nanyue Unit Pump System\Nanyue Unit Pump system R02 Four Cylinder Hall	✓	✓	✓	✓	Please refer to YUCHAI Function List	
OLLIN truck \Engine System\TX\Lovel engine\Creative Jie CNG system	✓	✓	✓	✓	A0136, A0010, A0002, A0137, A0138, A0139	
OLLIN truck \Engine System\MRT\Quanchai Engine	✓	✓	✓	✓	Please refer to QUANCHAI Function List	

OLLIN truck \Engine System\MRT\Chaochai Engine	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
OLLIN truck \Engine System\MRT\Yangchai Engine	✓	✓	✓	✓	Please refer to YANGCHAI Function List	
OLLIN truck \Engine System\MRT\Yunnei Power Engine\YN36/38QNE (UMC ME788 Natural Gas System)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
OLLIN truck \Engine System\MRT\Yunnei Power Engine\D20/D25/D30TCID, E (24V_Bosch EDC17CV54)\Yunnei Power P1187 EDC17CV54 with EGR(K)	✓	✓	✓	✓	Please refer to BOSCH Function List	
OLLIN truck \Engine System\MRT\Yunnei Power Engine\D20/D25/D30TCID, E (24V_Bosch EDC17CV54)\Yunnei Power P1187 EDC17CV54 with EGR(CAN)	✓	✓	✓	✓	Please refer to BOSCH Function List	
OLLIN truck \Engine System\MRT\Dachai Engine\Dachai-Bosch EDC16C39 (China III)	✓	✓	✓	✓	Please refer to DACHAI Function List	
OLLIN truck \Engine System\MRT\Dachai Engine\Dachai-Bosch EDC16UC40 (China III)	✓	✓	✓	✓	Please refer to DACHAI Function List	
OLLIN truck \Engine System\MRT\Dachai Engine\Dachai-Bosch EDC17-26E (China IV)	✓	✓	✓	✓		
OLLIN truck \Engine System\MRT\Dachai Engine\Bosch Automatic Identification	✓	✓	✓	✓	Please refer to BOSCH Function List	
OLLIN truck \Engine System\MRT\Xichai Engine	✓	✓	✓	✓	Please refer to XICHAI Function List	
OLLIN truck \Engine System\MRT\Yuchai Engine	✓	✓	✓	✓	Please refer to YUCHAI Function List	
OLLIN truck \Engine System\CTX\Cummins Diesel Engine automatic detection	✓	✓	✓	✓	Please refer to CUMMINS Function List	
OLLIN truck \Exhaust Aftertreatment System\Wuxi Kailong	✓	✓	✓	✓		S0229
OLLIN truck \Exhaust Aftertreatment System\ActBlue Exhaust Aftertreatment\ActBlue Exhaust Aftertreatment (KWP)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
OLLIN truck \Exhaust Aftertreatment System\ActBlue Exhaust Aftertreatment\ActBlue Exhaust Aftertreatment (OBD)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
OLLIN truck \Exhaust Aftertreatment System\Weifu Lida ReNOX2.0 SCR System\Weifu Lida SCR (non-gas assist)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
OLLIN truck \Exhaust Aftertreatment System\Weifu Lida ReNOX2.0 SCR System\Weifu Lida SCR (gas assist)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
OLLIN truck \Anti-lock Brake System (ABS)\WABCO ABS_K08 version	✓	✓	✓	✓	Please refer to ABS Function List	
OLLIN truck \Anti-lock Brake System (ABS)\WABCO ABS_K12 version	✓	✓	✓	✓	Please refer to ABS Function List	
OLLIN truck \Anti-lock Brake System (ABS)\WABCO ABS	✓	✓	✓	✓	Please refer to ABS Function List	
OLLIN truck \Anti-lock Brake System (ABS)\WABCO Overseas	✓	✓	✓	✓	Please refer to WABCO Function List	
OLLIN truck \Anti-lock Brake System (ABS)\Türkiye Euro 6 AEBS	✓	✓	✓	✓		S0266, S0267, S0268, S0269
OLLIN truck \Anti-lock Brake System (ABS)\Türkiye Euro 6 EBS	✓	✓	✓	✓		S0609, S0610, S0611
OLLIN truck \Anti-lock Brake System (ABS)\YOUFIN ABS	✓	✓	✓	✓	Please refer to ABS Function List	
OLLIN truck \Anti-lock Brake System (ABS)\Kormee (Pneumatic Brake)	✓	✓	✓	✓	Please refer to ABS Function List	
OLLIN truck \Anti-lock Brake System (ABS)\Kormee (Hydraulic Brake)	✓	✓	✓	✓	Please refer to ABS Function List	
OLLIN truck \Anti-lock Brake System (ABS)\Knorr EBS/ESP	✓	✓	✓	✓	A0432	S0004, S0201, S0202, S0203
OLLIN truck \Anti-lock Brake System (ABS)\Knorr ABS	✓	✓	✓	✓	A0390, A0391, A0392, A0393, A0394, A0395, A0396, A0397, A0398, A0399, A0400, A0401, A0402, A0403, A0404, A0405, A0406, A0407, A0408, A0409, A0410,	S0134, S0197
OLLIN truck \Anti-lock Brake System (ABS)\DETC ABS	✓	✓	✓	✓	Please refer to ABS Function List	
OLLIN truck \Anti-lock Brake System (ABS)\Advics ABS	✓	✓	✓	✓	Please refer to ABS Function List	
OLLIN truck \Instrument System\Combinatorial instrument	✓			✓	A0066, A0067, A0068, A0069, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0077, A0078, A0079, A0265, A0080, A0266, A0480, A0084, A0085, A0086,	S0004, S0010, S0251, S0252, S0253, S0254, S0255
OLLIN truck \Instrument System\Instrument System	✓	✓	✓	✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0489, A0256, A0078, A0079, A0265, A0044, A0043, A0045, A0080,	S0012, S0251, S0010, S0253, S0254, S0011
OLLIN truck \Electric Power Steering System (EPS)\ES03A	✓	✓	✓	✓		
OLLIN truck \Electric Power Steering System (EPS)\ES4K	✓	✓	✓	✓		
OLLIN truck \Electric Power Steering System (EPS)\Yubei EPS-CAN	✓	✓	✓	✓	A0584	S0274, S0472
OLLIN truck \Transmission\Wanliyang transmission system	✓	✓	✓	✓	A0065	

OLLIN truck \Transmission\Fast Transmission System	√	√	√			S0525
OLLIN truck \Body (BCM)\Body Controller BCM	√	√	√	√	A0039, A0054, A0055, A0056, A0057	S0493, S0257, S0258, S0259, S0494, S0260
OLLIN truck \Body (BCM)\Shanghai Zhibo M4 light truck	√	√	√	√	A0620, A0621, A0059, A0622, A0623, A0624, A0625, A0045, A0626, A0627, A0628, A0629, A0630, A0631, A0632, A0633, A0634, A0635, A0636, A0637, A0638,	S0529, S0378, S0530, S0531, S0259, S0532, S0533
OLLIN truck \Steering Motor Controller	√	√	√			S0010, S0274, S0275, S0276, S0004, S0130
OLLIN truck \Tire Pressure System (TPMS)\Tire Pressure Control System (0 Range)	√	√	√	√		S0211, S0261, S0262, S0213, S0214, S0215, S0103, S0263, S0264, S0265
OLLIN truck \Tire Pressure System (TPMS)\Pilot TPMS	√	√	√	√		S0381, S0495, S0496, S0497, S0498, S0499, S0500, S0501, S0502, S0503, S0504, S0505, S0506, S0507, S0508, S0509, S0510, S0511, S0512, S0513, S0514,
OLLIN truck \Retarder System (RCU)	√	√	√	√		
OLLIN truck \Vehicle networking system (T-BOX)	√	√	√	√		S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
OLLIN truck \Air Suspension System (ECAS)	√	√	√	√	A0434, A0435, A0436, A0437, A0438, A0439, A0440, A0441, A0442, A0443, A0444, A0445, A0446, A0447, A0448, A0449, A0450, A0451, A0278, A0452, A0453,	S0134, S0012, S0218, S0219, S0220, S0221, S0222, S0223, S0224, S0225, S0226
OLLIN truck \Dual Early Warning System (ADAS)\Shanghai Zhibo Radar System	√	√	√	√		S0014, S0517, S0004
OLLIN truck \Dual Early Warning System (ADAS)\Shanghai Zhibo Camera System	√	√	√			S0518
OLLIN truck \Door Control System	√	√	√	√	A0039, A0054, A0055, A0056, A0057	S0257, S0258, S0259, S0260
OLLIN truck \Anti-theft System (IMMO)	√	√	√	√		S0270, S0271, S0272
OLLIN truck \Kormee Electronic Parking Brake	√	√	√			S0098, S0464
OLLIN truck \One-touch start system(PEPS)	√	√	√	√	A0839, A0840, A0841, A0842, A0843, A0844	S0595, S0596, S0378, S0002
OLLIN truck \New Energy\Quick Test	√	√	√			
OLLIN truck \New Energy\Vehicle Controller System\VCU (16 bits, 2017)	√	√	√	√	A0326, A0332, A0328, A0329, A0585, A0586, A0335, A0587, A0588, A0589, A0590, A0591, A0592, A0593, A0594, A0595, A0596, A0597, A0598, A0599, A0600,	
OLLIN truck \New Energy\Vehicle Controller System\VCU (32-bit)	√	√	√	√		S0273
OLLIN truck \New Energy\BMS battery management system	√	√	√	√	A0494, A0495, A0496, A0497, A0498, A0499, A0500, A0501, A0502, A0503, A0504, A0505	S0002
OLLIN truck \New Energy\MCU motor controller	√	√	√	√		S0279, S0280, S0002, S0391
OLLIN truck \New Energy\OBC Vehicle Charger	√	√	√	√		
OLLIN truck \New Energy\DCDC converter	√	√	√	√		
OLLIN truck \New Energy\Steering Motor Controller DCAC	√	√	√	√		S0391
OLLIN truck \New Energy\Brake Motor Controller DCAC	√	√	√	√		S0391
Times Truck\Engine System\Wuling Liuji Power 465 Gasoline Engine\Delphi System\MT20U2	√	√	√	√	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
Times Truck\Engine System\Wuling Liuji Power 465 Gasoline Engine\Delphi System\MT22U	√	√	√	√	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102
Times Truck\Engine System\Wuling Liuji Power 465 Gasoline Engine\Sun & Teck Science EMS	√	√	√	√	A0162, A0455, A0456, A0457, A0278, A0458, A0459, A0460, A0461, A0462, A0463, A0464	S0230, S0231, S0232, S0233, S0234, S0235, S0236, S0237, S0238, S0239, S0240, S0241, S0242, S0014
Times Truck\Engine System\Wuling Liuji Power 465 Gasoline Engine\Wuhan LinControl Dual Fuel System	√	√	√	√		
Times Truck\Engine System\Wuling Liuji Power 465 Gasoline Engine\Wuhan LinControl 1	√	√	√	√		S0014
Times Truck\Engine System\Wuling Liuji Power 465 Gasoline Engine\Wuhan LinControl 2	√	√	√	√		S0228
Times Truck\Engine System\Wuling Liuji Power 469 Gasoline Engine\Sun & Teck Science EMS	√	√	√	√	A0162, A0455, A0456, A0457, A0278, A0458, A0459, A0460, A0461, A0462, A0463, A0464	S0230, S0231, S0232, S0233, S0234, S0235, S0236, S0237, S0238, S0239, S0240, S0241, S0242, S0014
Times Truck\Engine System\Wuling Liuji Power 469 Gasoline Engine\Wuhan LinControl Dual Fuel System	√	√	√	√		
Times Truck\Engine System\Wuling Liuji Power 469 Gasoline Engine\Wuhan LinControl 1	√	√	√	√		S0014
Times Truck\Engine System\Wuling Liuji Power 469 Gasoline Engine\Wuhan LinControl 2	√	√	√	√		S0228
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Bosch Diesel Common Rail EDC16C39\Static data	√	√	√	√	Please refer to BOSCH Function List	
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Bosch Diesel Common Rail EDC16C39\Dynamic Data	√	√	√	√	Please refer to BOSCH Function List	



Times Truck\Engine System\Huayuan Laidong Diesel Engine\VE pump System		✓	✓	✓	A0336, A0337, A0338, A0339	
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Longbeng Electronic Control\Longkou Longbeng Unit Pump	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Longbeng Electronic Control\Longbeng VE Pump	✓	✓	✓	✓	Please refer to HUAYUANLAIDONG Function List	
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Longbeng Electronic Control\Longbeng Common Rail	✓	✓	✓	✓	Please refer to HUAYUANLAIDONG Function List	
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Liaoning Xinfeng Electronic Control\Xinfeng ECU10 (OBD)	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Liaoning Xinfeng Electronic Control\Xinfeng ECU10 (UDS)	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Liaoning Xinfeng Electronic Control\Xinfeng ECU13 (OBD)	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Liaoning Xinfeng Electronic Control\Xinfeng ECU13 (UDS)	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Times Truck\Engine System\Huayuan Laidong Diesel Engine\Wuhan LinControl 2	✓	✓	✓	✓		S0228
Times Truck\Engine System\Dongan Mitsubishi Engine\United Power System M797.1/M780	✓	✓	✓	✓	A0421, A0146, A0137, A0422, A0423	S0198, S0199
Times Truck\Engine System\Beijing Environmental Power\491 gasoline engine\Delphi MT20U (Old Version)		✓	✓	✓	A0279, A0010, A0146, A0144, A0280, A0281, A0282, A0283	
Times Truck\Engine System\Beijing Environmental Power\491 gasoline engine\Delphi MT20U (new version)	✓	✓	✓	✓	A0278, A0010, A0146, A0144, A0143, A0142	
Times Truck\Engine System\Beijing Environmental Power\491 gasoline engine\Delphi MT20U2	✓	✓	✓	✓	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
Times Truck\Engine System\Beijing Environmental Power\491 gasoline engine\Delphi MT22U	✓	✓	✓	✓	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102
Times Truck\Engine System\Beijing Environmental Power\486 gasoline engine\United Power System M797.1/M780	✓	✓	✓	✓	A0421, A0146, A0137, A0422, A0423	S0198, S0199
Times Truck\Engine System\Beijing Environmental Power\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch EDC17-26E (China IV)	✓	✓	✓	✓		
Times Truck\Engine System\Beijing Environmental Power\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch Automatic Identification	✓	✓	✓	✓	Please refer to BOSCH Function List	
Times Truck\Engine System\Beijing Environmental Power\4JB1T Diesel Engine\VE pump System		✓	✓	✓	A0336, A0337, A0338, A0339	
Times Truck\Engine System\Chaochai Engine	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Times Truck\Engine System\Dachai Engine\Bosch diesel Common Rail system\Bosch Automatic Identification	✓	✓	✓	✓	Please refer to BOSCH Function List	
Times Truck\Engine System\Dachai Engine\Bosch diesel Common Rail system\Bosch EDC17CV54P1074 (V740, V760)	✓	✓	✓	✓	Please refer to DACHAI Function List	
Times Truck\Engine System\Dachai Engine\Bosch diesel Common Rail system\Bosch EDC7UC31	✓	✓	✓	✓	Please refer to XICHAI Function List	
Times Truck\Engine System\Dachai Engine\Bosch diesel Common Rail system\Bosch EDC16UC40	✓	✓	✓	✓	Please refer to DACHAI Function List	
Times Truck\Engine System\Dachai Engine\Bosch diesel Common Rail system\Bosch EDC16C39	✓	✓	✓	✓	Please refer to DACHAI Function List	
Times Truck\Engine System\Dachai Engine\Bosch diesel Common Rail system\Bosch 4BC2 (498)	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Times Truck\Engine System\Dachai Engine\Bosch diesel Common Rail system\Bosch 4JB1	✓	✓	✓	✓	Please refer to DACHAI Function List	
Times Truck\Engine System\Dachai Engine\Electric D33	✓	✓	✓	✓	Please refer to DACHAI Function List	
Times Truck\Engine System\Quanchai Engine	✓	✓	✓	✓	Please refer to QUANCHAI Function List	
Times Truck\Engine System\Yuchai Engine	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Times Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Perkins-Bosch EDC16UC40 (China III)\Static diagnostic data	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Times Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Perkins-Bosch EDC16UC40 (China III)\Dynamic diagnostic data	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Times Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV44 SCR (China IV)\Foton P1065 EDC17CV44 SCR CAN	✓	✓	✓	✓	Please refer to BOSCH Function List	
Times Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV44 SCR (China IV)\Foton P1065 EDC17CV44 SCR K	✓	✓	✓	✓	Please refer to BOSCH Function List	
Times Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV54 EGR (China IV)\Foton P1064 EDC17CV54 EGR (CAN)	✓	✓	✓	✓	Please refer to BOSCH Function List	
Times Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV54 EGR (China IV)\Foton P1064 EDC17CV54 EGR (K)	✓	✓	✓	✓	Please refer to BOSCH Function List	
Times Truck\Engine System\Perkins engine\WIT Unit Pump System\Perkins - WIT Unit Pump System ( ECU25)	✓	✓	✓	✓	Please refer to YUCHAI Function List	

Times Truck\Engine System\Perkins engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (RS232)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Times Truck\Engine System\Perkins engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (J1939)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Times Truck\Engine System\Perkins engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (Perkins)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Times Truck\Engine System\Perkins engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System (J1939)	✓	✓	✓	✓	Please refer to DACHAI Function List	
Times Truck\Engine System\Perkins engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System R01 Four Cylinder	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Times Truck\Engine System\Perkins engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System R01 Six Cylinder	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Times Truck\Engine System\Perkins engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System R02 Four Cylinder Hall	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Times Truck\Engine System\Perkins engine\Creative Jie CNG system	✓	✓	✓	✓	A0136, A0010, A0002, A0137, A0138, A0139	
Times Truck\Engine System\Yangchai Engine	✓	✓	✓	✓	Please refer to YANGCHAI Function List	
Times Truck\Engine System\Yunnei Power Engine	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
Times Truck\Engine System\CF465-IAE\Wuhan LinControl Electronic Control System	✓	✓	✓	✓		
Times Truck\Engine System\CF465-IAE\Wuhan LinControl 1	✓	✓	✓	✓		S0014
Times Truck\Engine System\CF465-IAE\Wuhan LinControl 2	✓	✓	✓	✓		S0228
Times Truck\Engine System\Ruizhang Power\UMC M780	✓	✓	✓	✓	A0421, A0146, A0137, A0422, A0423	S0198, S0199
Times Truck\Engine System\Ruizhang Power\Wuhan LinControl Dual Fuel System	✓	✓	✓	✓		
Times Truck\Engine System\Ruizhang Power\Wuhan LinControl 1	✓	✓	✓	✓		S0014
Times Truck\Engine System\Ruizhang Power\Wuhan LinControl 2	✓	✓	✓	✓		S0228
Times Truck\Engine System\4W12 Engine\Wuhan LinControl 1	✓	✓	✓	✓		S0014
Times Truck\Engine System\4W12 Engine\Wuhan LinControl 2	✓	✓	✓	✓		S0228
Times Truck\Transmission system (TCU)	✓	✓	✓	✓	A0861	S0587, S0612, S0613, S0614, S0615
Times Truck\Exhaust Aftertreatment System\Wuxi Kailong	✓	✓	✓	✓		S0229
Times Truck\Exhaust Aftertreatment System\ActBlue Exhaust Aftertreatment\ActBlue Exhaust Aftertreatment (KWP)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
Times Truck\Exhaust Aftertreatment System\ActBlue Exhaust Aftertreatment\ActBlue Exhaust Aftertreatment (OBD)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
Times Truck\Exhaust Aftertreatment System\Weifu Lida ReNOX2.0 SCR System\Weifu Lida SCR (non-gas assist)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
Times Truck\Exhaust Aftertreatment System\Weifu Lida ReNOX2.0 SCR System\Weifu Lida SCR (gas assist)	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
Times Truck\Exhaust Aftertreatment System\KDS SCR	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
Times Truck\Anti-lock Brake System (ABS)\WABCO ABS_K08 version	✓	✓	✓	✓	Please refer to ABS Function List	
Times Truck\Anti-lock Brake System (ABS)\WABCO ABS_K12 version	✓	✓	✓	✓	Please refer to ABS Function List	
Times Truck\Anti-lock Brake System (ABS)\WABCO ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Times Truck\Anti-lock Brake System (ABS)\WABCO Overseas	✓	✓	✓	✓	Please refer to WABCO Function List	
Times Truck\Anti-lock Brake System (ABS)\Türkiye Euro 6 AEBS	✓	✓	✓	✓		S0266, S0267, S0268, S0269
Times Truck\Anti-lock Brake System (ABS)\Türkiye Euro 6 EBS	✓	✓	✓	✓		S0609, S0610, S0611
Times Truck\Anti-lock Brake System (ABS)\YOUFIN ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Times Truck\Anti-lock Brake System (ABS)\Kormee (Pneumatic Brake)	✓	✓	✓	✓	Please refer to ABS Function List	
Times Truck\Anti-lock Brake System (ABS)\Kormee (Hydraulic Brake)	✓	✓	✓	✓	Please refer to ABS Function List	
Times Truck\Anti-lock Brake System (ABS)\Knorr EBS/ESP	✓	✓	✓	✓	A0432	S0004, S0201, S0202, S0203

Times Truck\Anti-lock Brake System (ABS)\Knorr ABS	✓	✓	✓	✓	A0390, A0391, A0392, A0393, A0394, A0395, A0396, A0397, A0398, A0399, A0400, A0401, A0402, A0403, A0404, A0405, A0406, A0407, A0408, A0409, A0410,	S0134, S0197
Times Truck\Anti-lock Brake System (ABS)\DETC ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Times Truck\Anti-lock Brake System (ABS)\Advics ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Times Truck\Airbag System (SRS)\Taihang Changqing (CAN)	✓	✓	✓	✓		
Times Truck\Airbag System (SRS)\Taihang Changqing AB1.0	✓	✓	✓	✓		S0098, S0204, S0097, S0130
Times Truck\Body Stability System	✓	✓	✓	✓	Please refer to ABS Function List	
Times Truck\Electronic Parking System (EPB)	✓	✓	✓	✓		
Times Truck\Electric Power Steering System (EPS)\ES03A	✓	✓	✓	✓		
Times Truck\Electric Power Steering System (EPS)\ES4K	✓	✓	✓	✓		
Times Truck\Electric Power Steering System (EPS)\Yubei EPS-CAN	✓	✓	✓	✓	A0584	S0274, S0472
Times Truck\Electric Power Steering System (EPS)\Henan North/Third Ring Road/Henglong EPS-CAN	✓	✓	✓	✓		S0274
Times Truck\Combinatorial instrument\Instrument System	✓	✓	✓	✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0489, A0256, A0078, A0079, A0265, A0044, A0043, A0045, A0080,	S0012, S0251, S0010, S0253, S0254, S0011
Times Truck\Combinatorial instrument\Combinatorial instrument	✓	✓	✓	✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0489, A0078, A0079, A0265, A0044, A0043, A0045, A0080, A0480,	S0012, S0251, S0010, S0253, S0254, S0529, S0011
Times Truck\Combinatorial instrument\Instrument combination (M3) for National Five	✓			✓		S0010, S0011
Times Truck\Combinatorial instrument\Instrument cluster for other models	✓					S0010, S0529, S0011
Times Truck\Tire Pressure Monitor System	✓	✓	✓	✓		S0473, S0474
Times Truck\Door Control System	✓	✓	✓	✓	A0039, A0054, A0055, A0056, A0057	S0257, S0258, S0259, S0260
Times Truck\Dual Early Warning System (ADAS)\Shanghai Zhibo Radar System	✓	✓	✓	✓		S0014, S0517, S0004
Times Truck\Dual Early Warning System (ADAS)\Shanghai Zhibo Camera System	✓	✓	✓			S0518
Times Truck\One-touch start system (PEPS)	✓	✓	✓	✓	A0839, A0840, A0841, A0842, A0843, A0844	S0595, S0596, S0378, S0002
Times Truck\Retarder System (RCU)	✓	✓	✓	✓		
Times Truck\Z4 electric car\Drive motor MCU	✓	✓	✓	✓		S0010, S0475
Times Truck\Z4 electric car\Battery Manager BMS	✓	✓	✓	✓		S0010, S0475
Times Truck\Z4 electric car\Charger OBC	✓	✓	✓	✓		S0010
Times Truck\New Energy\Xiangling M Electric Vehicle\Battery Management System (BMS)	✓	✓	✓	✓	A0855, A0856, A0857, A0858, A0859, A0860	S0098, S0605, S0606
Times Truck\New Energy\Xiangling M Electric Vehicle\Motor Control System (MCU)	✓	✓	✓	✓		S0279, S0280
Times Truck\New Energy\Xiangling M Electric Vehicle\Vehicle Controller System (VCU)	✓	✓	✓	✓	A0550, A0779, A0780, A0781, A0782, A0783, A0784, A0785, A0786, A0142, A0332, A0787	S0094, S0273
Times Truck\New Energy\VCU	✓	✓	✓	✓	A0326, A0332, A0328, A0329, A0585, A0586, A0335, A0587	
Times Truck\New Energy\Battery Manager BMS	✓	✓	✓	✓		S0010, S0607
Times Truck\New Energy\Drive motor MCU	✓	✓	✓	✓		S0010, S0475
Times Truck\New Energy\Charger OBC	✓	✓	✓	✓		S0010
Rowor Truck\Engine System\Weichai Engine	✓	✓	✓	✓	Please refer to WEICHAI Function List	
Rowor Truck\Engine System\Yuchai Engine	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Rowor Truck\Engine System\Xichai Engine	✓	✓	✓	✓	Please refer to XICHAI Function List	
Rowor Truck\Engine System\Cummins Engine	✓	✓	✓	✓	Please refer to CUMMINS Function List	
Rowor Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Perkins-Bosch EDC16UC40 (China ITI)\Static diagnostic data	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	

Rowor Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Perkins-Bosch EDC16UC40 (China I1I)\Dynamic diagnostic data	✓	✓	✓	✓	Please refer to CHAOCHAI Function List	
Rowor Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV44 SCR (China IV)\Foton P1065_EDC17CV44 SCR CAN	✓	✓	✓	✓	Please refer to BOSCH Function List	
Rowor Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV44 SCR (China IV)\Foton P1065_EDC17CV44 SCR K	✓	✓	✓	✓	Please refer to BOSCH Function List	
Rowor Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV54 EGR (China IV)\Foton P1064 EDC17CV54 EGR (CAN)	✓	✓	✓	✓	Please refer to BOSCH Function List	
Rowor Truck\Engine System\Perkins engine\Bosch diesel Common Rail system\Lovol - Bosch EDC17CV54 EGR (China IV)\Foton P1064 EDC17CV54 EGR (K)	✓	✓	✓	✓	Please refer to BOSCH Function List	
Rowor Truck\Engine System\Perkins engine\WIT Unit Pump System\Perkins - WIT Unit Pump System ( ECU25)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Rowor Truck\Engine System\Perkins engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (RS232)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Rowor Truck\Engine System\Perkins engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (J1939)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Rowor Truck\Engine System\Perkins engine\WIT Unit Pump System\Perkins - WIT Unit Pump System (Perkins)	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Rowor Truck\Engine System\Perkins engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System (J1939)	✓	✓	✓	✓	Please refer to DACHAI Function List	
Rowor Truck\Engine System\Perkins engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System R01 Four Cylinder	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Rowor Truck\Engine System\Perkins engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System R01 Six Cylinder	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Rowor Truck\Engine System\Perkins engine\Nanyue Unit Pump System\Perkins - Nanyue Unit Pump System R02 Four Cylinder Hall	✓	✓	✓	✓	Please refer to YUCHAI Function List	
Rowor Truck\Engine System\Perkins engine\Creative Jie CNG system	✓	✓	✓	✓	A0136, A0010, A0002, A0137, A0138, A0139	
Rowor Truck\Engine System\Quanchai Engine	✓	✓	✓	✓	Please refer to QUANCHAI Function List	
Rowor Truck\Engine System\Yangchai Engine	✓	✓	✓	✓	Please refer to YANGCHAI Function List	
Rowor Truck\Engine System\Yunnei Power Engine	✓	✓	✓	✓	Please refer to YUNNEIPOWER Function List	
Rowor Truck\Exhaust Aftertreatment System	✓	✓	✓	✓	Please refer to SCR Function List	
Rowor Truck\Anti-lock Brake System (ABS)\WABCO ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Rowor Truck\Anti-lock Brake System (ABS)\WABCO ABS_K08 version	✓	✓	✓	✓	Please refer to ABS Function List	
Rowor Truck\Anti-lock Brake System (ABS)\WABCO ABS_K12 version	✓	✓	✓	✓	Please refer to ABS Function List	
Rowor Truck\Anti-lock Brake System (ABS)\YOUFIN ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Rowor Truck\Anti-lock Brake System (ABS)\WABCO Overseas	✓	✓	✓	✓	Please refer to WABCO Function List	
Rowor Truck\Anti-lock Brake System (ABS)\Kormee (Pneumatic Brake)	✓	✓	✓	✓	Please refer to ABS Function List	
Rowor Truck\Anti-lock Brake System (ABS)\Kormee (Hydraulic Brake)	✓	✓	✓	✓	Please refer to ABS Function List	
Rowor Truck\Anti-lock Brake System (ABS)\Knorr EBS/ESP	✓	✓	✓	✓	A0432	S0004, S0201, S0202, S0203
Rowor Truck\Anti-lock Brake System (ABS)\Knorr ABS	✓	✓	✓	✓	A0390, A0391, A0392, A0393, A0394, A0395, A0396, A0397, A0398, A0399, A0400, A0401, A0402, A0403, A0404, A0405, A0406, A0407, A0408, A0409, A0410,	S0134, S0197
Rowor Truck\Anti-lock Brake System (ABS)\DETC ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Rowor Truck\Auto Trans\Fast AMT	✓	✓	✓	✓		S0012
Rowor Truck\Auto Trans\ZF retarder\Enter System	✓	✓	✓	✓		S0012
M4\M4 (light truck)\Transmission system\Wanliyang gearbox	✓	✓	✓	✓	A0065	
M4\M4 (light truck)\Braking System\Advics ABS	✓	✓	✓	✓	Please refer to ABS Function List	
M4\M4 (light truck)\Braking System\Webco ABS (pneumatic brake models) K08 version	✓	✓	✓	✓	Please refer to ABS Function List	
M4\M4 (light truck)\Braking System\Weber Section ABS K12 version	✓	✓	✓	✓	Please refer to ABS Function List	
M4\M4 (light truck)\Braking System\YOUFIN ABS (CAN)	✓	✓	✓	✓	Please refer to ABS Function List	
M4\M4 (light truck)\Braking System\WABCO EBS system	✓	✓	✓	✓	Please refer to ABS Function List	

M4\M4 (light truck)\Braking System\WABCO automatic emergency braking system (AEBS)	✓	✓	✓	✓		S0266, S0267, S0268, S0269
M4\M4 (light truck)\Braking System\WABCO Overseas	✓	✓	✓	✓	Please refer to WABCO Function List	
M4\M4 (light truck)\Instrument System	✓	✓	✓	✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0489, A0256, A0078, A0079, A0265, A0044, A0043, A0045, A0080,	S0012, S0251, S0010, S0253, S0254, S0011
M4\M4 (light truck)\Anti-theft system	✓	✓	✓	✓		S0270, S0271, S0272
M4\M4 (light truck)\Door Control System	✓	✓	✓	✓	A0039, A0054, A0055, A0056, A0057	S0257, S0258, S0259, S0260
M4\M4 (light truck)\tire pressure system	✓	✓	✓	✓		S0211, S0261, S0262, S0213, S0214, S0215, S0103, S0263, S0264, S0265
M4\M4 (light truck)\Internet of Vehicles System (TBOX)	✓	✓	✓	✓		S0103, S0205, S0206, S0207, S0208, S0209
M4\M4 (light truck)\Compressor	✓	✓	✓			
M4\M4 (light truck)\Heater	✓	✓	✓	✓		
M4\M4 (Medium Truck)\Braking System\DETC ABS (K)	✓	✓	✓	✓	Please refer to ABS Function List	
M4\M4 (Medium Truck)\Braking System\Knorr ABS	✓	✓	✓	✓	Please refer to ABS Function List	
M4\M4 (Medium Truck)\Braking System\Webco ABS (pneumatic brake models) K08 version	✓	✓	✓	✓	Please refer to ABS Function List	
M4\M4 (Medium Truck)\Braking System\Weber Section ABS K12 version	✓	✓	✓	✓	Please refer to ABS Function List	
M4\M4 (Medium Truck)\Instrument System	✓	✓	✓	✓	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0489, A0256, A0078, A0079, A0265, A0044, A0043, A0045, A0080,	S0012, S0251, S0010, S0253, S0254, S0011
M4\M4 (Medium Truck)\Door Control System	✓	✓	✓	✓	A0039, A0054, A0055, A0056, A0057	S0257, S0258, S0259, S0260
M4\M4 (Medium Truck)\Exhaust Aftertreatment System\Kailong Exhaust Aftertreatment	✓	✓	✓	✓	Please refer to SCR Function List	
M4\M4 (Medium Truck)\Internet of Vehicles System (TBOX)	✓	✓	✓	✓		S0103, S0205, S0206, S0207, S0208, S0209
M4\M4-New Energy ( 2018)\Quick Test	✓	✓	✓			
M4\M4-New Energy ( 2018)\Vehicle Controller System	✓	✓	✓	✓		S0273
M4\M4-New Energy ( 2018)\Electro-hydraulic steering (Shibao)	✓	✓	✓			S0010, S0274, S0275, S0276, S0004, S0130
M4\M4-New Energy ( 2018)\Battery Management System	✓	✓	✓	✓	A0494, A0495, A0496, A0497, A0498, A0499, A0500, A0501, A0502, A0503, A0504, A0505	S0002, S0277, S0278
M4\M4-New Energy ( 2018)\Motor Control System	✓	✓	✓	✓		S0279, S0280
Light passenger series\MP-X Meng Pike\Engine System\486 gasoline engine\UMC M780	✓	✓	✓	✓	A0421, A0146, A0137, A0422, A0423	S0198, S0199
Light passenger series\MP-X Meng Pike\Engine System\4G63 Gasoline Engine\MT20U2	✓	✓	✓	✓	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
Light passenger series\MP-X Meng Pike\Engine System\4G63 Gasoline Engine\MT22U	✓	✓	✓	✓	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102
Light passenger series\MP-X Meng Pike\Engine System\4G64 Gasoline Engine\MT20U2	✓	✓	✓	✓	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
Light passenger series\MP-X Meng Pike\Engine System\4G64 Gasoline Engine\MT22U	✓	✓	✓	✓	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102
Light passenger series\MP-X Meng Pike\Engine System\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch EDC17-26E (China IV)	✓	✓	✓	✓		
Light passenger series\MP-X Meng Pike\Engine System\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch Automatic Identification	✓	✓	✓	✓	Please refer to BOSCH Function List	
Light passenger series\MP-X Meng Pike\Engine System\4JB1T Diesel Engine\VE pump System		✓	✓	✓	A0336, A0337, A0338, A0339	
Light passenger series\MP-X Meng Pike\Engine System\Beijing Foton Cummins (BFCEC) Engine	✓	✓	✓	✓	Please refer to CUMMINS Function List	
Light passenger series\MP-X Meng Pike\Airbag System (SRS)\Jiule SRS		✓	✓	✓		
Light passenger series\MP-X Meng Pike\Anti-lock Brake System (ABS)\SABS MK20	✓	✓	✓	✓	Please refer to ABS Function List	
Light passenger series\MP-X Meng Pike\Anti-lock Brake System (ABS)\Asia Pacific ABS - VER2	✓	✓	✓	✓	Please refer to ABS Function List	
Light passenger series\MP-X Meng Pike\Anti-lock Brake System (ABS)\YOUFIN ABS (CAN)	✓	✓	✓	✓	Please refer to ABS Function List	
Light passenger series\VIEW\Engine System\486 gasoline engine\UMC M780	✓	✓	✓	✓	A0421, A0146, A0137, A0422, A0423	S0198, S0199

Light passenger series\VIEW\Engine System\49l gasoline engine\UMC M797.1	√	√	√	√	A0421, A0146, A0137, A0422, A0423	S0198, S0199
Light passenger series\VIEW\Engine System\49l gasoline engine\Delphi System\MT20U (old version)		√	√	√	A0279, A0010, A0146, A0144, A0280, A0281, A0282, A0283	
Light passenger series\VIEW\Engine System\49l gasoline engine\Delphi System\MT20U (new version)	√	√	√	√	A0278, A0010, A0146, A0144, A0143, A0142	
Light passenger series\VIEW\Engine System\49l gasoline engine\Delphi System\MT20U2	√	√	√	√	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
Light passenger series\VIEW\Engine System\49l gasoline engine\Delphi System\MT20U2 CNG	√	√	√	√	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
Light passenger series\VIEW\Engine System\49l gasoline engine\Delphi System\MT22U	√	√	√	√	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102
Light passenger series\VIEW\Engine System\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch EDC17-26E (China IV)	√	√	√	√		
Light passenger series\VIEW\Engine System\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch Automatic Identification	√	√	√	√	Please refer to BOSCH Function List	
Light passenger series\VIEW\Engine System\4JB1T Diesel Engine\VE pump System		√	√	√	A0336, A0337, A0338, A0339	
Light passenger series\VIEW\Airbag System (SRS)\Jiule SRS		√	√	√		
Light passenger series\K1\Engine System\486 supercharged engine\UMC M788	√	√	√	√	A0424, A0425, A0146, A0426, A0427, A0137, A0428, A0429, A0430, A0431	S0200
Light passenger series\K1\Engine System\485 self-priming engine\UMC M780	√	√	√	√	A0421, A0146, A0137, A0422, A0423	S0198, S0199
Light passenger series\K1\Engine System\4G69 engine\Delphi MT22.1.1	√	√	√	√	A0296, A0297, A0298, A0299, A0300, A0278, A0308, A0309, A0310, A0311, A0173, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320	S0098, S0096, S0088, S0100, S0101, S0102
Light passenger series\K1\Engine System\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch EDC17-26E (China IV)	√	√	√	√		
Light passenger series\K1\Engine System\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch Automatic Identification	√	√	√	√	Please refer to BOSCH Function List	
Light passenger series\K1\Engine System\4JB1T Diesel Engine\VE pump System		√	√	√	A0336, A0337, A0338, A0339	
Light passenger series\K1\Engine System\3TZ engine	√	√	√	√	A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012, A0013, A0014, A0015, A0016, A0017, A0018, A0019, A0020, A0021,	S0001, S0002
Light passenger series\K1\Engine System\Beijing Foton Cummins (BFCEC) Engine	√	√	√	√	Please refer to CUMMINS Function List	
Light passenger series\K1\Anti-lock Brake System (ABS)\Bosch ABS9.0	√	√	√	√	Please refer to ABS Function List	
Light passenger series\K1\Anti-lock Brake System (ABS)\YOUFIN Qingqi ABS	√	√	√	√	Please refer to ABS Function List	
Light passenger series\K1\Airbag System (SRS)\Jinheng airbag	√	√	√	√		
Light passenger series\K1\tire pressure system\Tire Pressure Control System (0 Range)	√	√	√	√		S0211, S0212, S0213, S0214, S0215, S0103, S0216
Light passenger series\K1\Combinatorial instrument	√	√	√	√	A0066, A0067, A0068, A0069, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0525, A0256, A0078, A0079, A0265, A0044, A0043, A0045, A0080, A0480,	S0073, S0387, S0024, S0388, S0028, S0389, S0362, S0184, S0249, S0390, S0036, S0037, S0075, S0045, S0004, S0010, S0256, S0251, S0253
Light passenger series\K1\Internet of Vehicles System (TBOX)	√	√	√	√		S0103, S0205, S0206, S0207, S0208, S0209
Light passenger series\Gato\Engine System\4W12 Engine\Delphi MT22.1	√	√	√	√	A0001, A0301, A0002, A0143, A0142, A0137, A0302, A0303, A0304, A0287, A0288, A0305, A0306, A0023, A0307, A0294, A0295	S0098, S0096, S0099
Light passenger series\Gato\Engine System\4W12 Engine\Wuhan LinControl 1	√	√	√	√		S0014
Light passenger series\Gato\Engine System\4W12 Engine\Wuhan LinControl 2	√	√	√	√		S0228
Light passenger series\Gato\Engine System\Wuling Liuji Power 469 Gasoline Engine\Sun & Teck Science EMS	√	√	√	√	A0162, A0455, A0456, A0457, A0278, A0458, A0459, A0460, A0461, A0462, A0463, A0464	S0230, S0231, S0232, S0233, S0234, S0235, S0236, S0237, S0238, S0239, S0240, S0241, S0242, S0014
Light passenger series\Gato\Engine System\Wuling Liuji Power 469 Gasoline Engine\Wuhan LinControl 1	√	√	√	√		S0014
Light passenger series\Gato\Engine System\Wuling Liuji Power 469 Gasoline Engine\Wuhan LinControl 2	√	√	√	√		S0228
Light passenger series\Gato\Engine System\Wuling Liuji Power 465 Gasoline Engine\Delphi MT22.1.1	√	√	√	√	A0296, A0297, A0298, A0299, A0300, A0278, A0308, A0309, A0310, A0311, A0173, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320	S0098, S0096, S0088, S0100, S0101, S0102
Light passenger series\Gato\Engine System\Wuling Liuji Power 465 Gasoline Engine\Wuhan LinControl 1	√	√	√	√		S0014
Light passenger series\Gato\Engine System\Wuling Liuji Power 465 Gasoline Engine\Wuhan LinControl 2	√	√	√	√		S0228
Light passenger series\Gato\Engine System\Continental U2	√	√	√	√	A0171, A0172, A0173, A0174, A0146, A0175, A0176, A0177, A0178, A0151, A0152, A0153, A0179, A0180, A0181, A0182, A0183, A0184, A0185, A0186, A0187,	
Light passenger series\Gato\Anti-lock Brake System (ABS)\BWI ABS7.8 system	√	√	√	√	Please refer to ABS Function List	
Light passenger series\Gato\Electric Power Steering System (EPS)\Xinxiang Yubei ECU03	√	√	√	√		

Light passenger series\Gato\Electric Power Steering System (EPS)\Yubei EPS	✓	✓	✓	✓		S0014, S0194, S0130, S0004, S0243, S0244
Light passenger series\Gato\Airbag System (SRS)\Taihang Changqing AB1.0	✓	✓	✓	✓		S0098, S0204, S0097, S0130
Light passenger series\Gato IX\Quick Test	✓	✓	✓			
Light passenger series\Gato IX\Engine System\Continental DAM1.5	✓	✓	✓	✓	A0142, A0143, A0144, A0145, A0146, A0147, A0148, A0149, A0150, A0151, A0152, A0153, A0154, A0155, A0156, A0157, A0158, A0159, A0160, A0161, A0162,	S0087
Light passenger series\Gato IX\Anti-lock Brake System (ABS)\BWI ABS7.8 system	✓	✓	✓	✓	Please refer to ABS Function List	
Light passenger series\Gato IX\Airbag System (SRS)\Taihang Changqing AB1.0	✓	✓	✓	✓		S0098, S0204, S0097, S0130
Light passenger series\Gato IX\Instrument System\Tianyouwei Instrument				✓		S0210
Light passenger series\Gato IX\Electric Power Steering System (EPS)\Xinxiang Yubei ECU03	✓	✓	✓	✓		
Light passenger series\Gato IX\One-button start control system\Guowei PEPS	✓	✓	✓	✓		
Light passenger series\Gato IM\Quick Test	✓	✓	✓			
Light passenger series\Gato IM\Engine System\G02 1.5	✓	✓	✓	✓	A0365, A0146, A0366, A0367, A0368, A0369, A0370, A0371, A0372, A0159, A0373, A0374, A0375, A0376	S0010, S0004, S0135, S0136, S0137, S0138, S0139, S0140, S0141, S0142, S0143, S0144, S0145, S0146, S0147, S0148, S0149, S0150, S0151, S0152, S0153,
Light passenger series\Gato IM\Engine System\G02 1.4T	✓	✓	✓	✓	A0530, A0531, A0532, A0533, A0534, A0535, A0536, A0537, A0538, A0539, A0540, A0541, A0370, A0542, A0543, A0544, A0545, A0546, A0547, A0548, A0549,	S0392, S0393, S0394, S0395, S0396, S0397, S0398, S0399, S0400, S0401, S0402, S0403, S0404, S0405, S0406, S0407, S0408, S0409, S0410, S0411, S0412,
Light passenger series\Gato IM\Engine System\Continental DAM1.5	✓	✓	✓	✓	A0142, A0143, A0144, A0145, A0146, A0147, A0148, A0149, A0150, A0151, A0152, A0153, A0154, A0155, A0156, A0157, A0158, A0159, A0160, A0161, A0162,	S0087
Light passenger series\Gato IM\Automatic Transmission System\Aisin 6AT	✓	✓	✓	✓	A0553, A0554, A0555, A0556, A0557, A0558, A0559, A0560, A0561	S0010
Light passenger series\Gato IM\Anti-lock Brake System (ABS)\BWI ESC/ABS	✓	✓	✓	✓	A0377, A0378, A0379, A0380, A0381, A0382, A0383, A0384, A0036, A0385	S0004, S0194, S0130
Light passenger series\Gato IM\Electric Power Steering System (EPS)\Yubei EPS	✓	✓	✓	✓		S0014, S0194, S0130, S0004, S0243, S0244
Light passenger series\Gato IM\Airbag System (SRS)\Taihang Changqing AB1.0	✓	✓	✓	✓		S0098, S0204, S0097, S0130
Light passenger series\Gato IM\BODY CONTROL SYSTEM\East China Motor BCM	✓	✓	✓	✓		S0432, S0294, S0433, S0381, S0434, S0435, S0436, S0437, S0438, S0439, S0037, S0440, S0441, S0249, S0442, S0075, S0443, S0444, S0445, S0185, S0446,
Light passenger series\Gato IM\BODY CONTROL SYSTEM\Chongqing Integrated BCM	✓	✓	✓	✓		S0453, S0454, S0433, S0381, S0434, S0435, S0436, S0437, S0455, S0438, S0439, S0037, S0153, S0441, S0249, S0442, S0075, S0443, S0444, S0445, S0185,
Light passenger series\Gato IM\One-button start control system\Guowei PEPS	✓	✓	✓	✓		
Light passenger series\Gato IM\Electronic parking system\LBN electronic parking	✓	✓	✓	✓		S0463, S0464, S0465, S0004, S0130
Light passenger series\TOANO\Quick Test	✓	✓	✓			
Light passenger series\TOANO\Engine System\4JB1T Diesel Engine\Bosch diesel Common Rail system	✓	✓	✓	✓	Please refer to BOSCH Function List	
Light passenger series\TOANO\Engine System\G012.0T UMC engine\MED17.8.2	✓	✓	✓	✓	A0365, A0146, A0366, A0367, A0368, A0369, A0370, A0371, A0372, A0159, A0373	S0131, S0132, S0133, S0134
Light passenger series\TOANO\Anti-lock Brake System (ABS)\Bosch ABS9.0	✓	✓	✓	✓	Please refer to ABS Function List	
Light passenger series\TOANO\Anti-lock Brake System (ABS)\YOUFIN ABS	✓	✓	✓	✓	Please refer to ABS Function List	
Light passenger series\TOANO\Airbag System (SRS)\Taihang Changqing AB1.0	✓	✓	✓	✓		S0098, S0204, S0097, S0130
Light passenger series\TOANO\Airbag System (SRS)\Jinheng airbag	✓	✓	✓	✓		
Light passenger series\TOANO\Airbag System (SRS)\Jiarui second generation airbag ACU	✓	✓	✓	✓	A0862, A0863, A0864, A0865	S0010, S0529, S0011, S0004
Light passenger series\TOANO\Airbag System (SRS)\Continental Jinheng airbag	✓	✓	✓	✓	A0274, A0275, A0276, A0277, A0065	S0094, S0095
Light passenger series\TOANO\Airbag System (SRS)\Jiule Airbag		✓	✓	✓		
Light passenger series\TOANO\Airbag System (SRS)\Continental Electronic Airbag ACU	✓	✓	✓		A0386, A0524	S0378, S0557, S0004
Light passenger series\TOANO\Instrument System\Combinatorial instrument	✓	✓	✓	✓	A0066, A0067, A0069, A0070, A0071, A0072, A0073, A0255, A0075, A0076, A0078, A0079, A0265, A0044, A0043, A0045, A0080, A0480, A0269, A0272, A0273,	S0004, S0010, S0251, S0616
Light passenger series\TOANO\Instrument System\Combinatorial instrument	✓	✓	✓	✓	A0066, A0067, A0068, A0069, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0866, A0256, A0078, A0079, A0265, A0044, A0043, A0045, A0080, A0480,	S0004, S0251, S0010, S0256, S0253, S0529, S0011
Light passenger series\TOANO\Instrument System\Tianyouwei Instrument						S0617, S0618, S0619
Light passenger series\TOANO\Body System\Chongqing JiCheng BCM	✓	✓	✓	✓		S0453, S0454, S0433, S0381, S0434, S0435, S0436, S0437, S0455, S0438, S0439, S0037, S0153, S0441, S0249, S0442, S0075, S0443, S0444, S0445, S0185,

Light passenger series\TOANO\Body System\Atech BCM	✓	✓	✓	✓	A0039, A0040, A0041, A0042, A0043, A0044, A0045, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0055, A0056, A0057, A0058, A0059,	S0004, S0005, S0006, S0007
Light passenger series\TOANO\Body System\East China Motor BCM	✓	✓	✓	✓		S0432, S0294, S0433, S0381, S0434, S0435, S0436, S0437, S0438, S0439, S0037, S0440, S0441, S0249, S0442, S0075, S0443, S0444, S0445, S0185, S0446,
Light passenger series\TOANO\Body System\Shanghai Zhibo BCM	✓	✓	✓	✓	A0620, A0621, A0059, A0045, A0631, A0674, A0641, A0642, A0645, A0647, A0648, A0649, A0650, A0652, A0653	S0529, S0257, S0259, S0494, S0533
Light passenger series\TOANO\tire pressure system\Fire Pressure Control System (0 Range)	✓	✓	✓	✓		S0211, S0212, S0213, S0214, S0215, S0103, S0216
Light passenger series\TOANO\Electric vehicle vehicle controller	✓	✓	✓	✓	A0326, A0327, A0328, A0329, A0330, A0331, A0332, A0333, A0334, A0335	S0110
Light passenger series\TOANO\Anti-theft system	✓	✓	✓	✓	A0506	S0281, S0282, S0283, S0284, S0285, S0286, S0287, S0288, S0289, S0290, S0291, S0292, S0293
Light passenger series\TOANO\Four-wheel drive system\BorgWarner two-speed electric transfer case system	✓	✓	✓	✓	A0065, A0126, A0127	
Light passenger series\TOANO\Internet of Vehicles System (TBOX)	✓	✓	✓	✓		S0103, S0205, S0206, S0207, S0208, S0209
Light passenger series\TOANO\Electronic power steering\Xinxiang Yubei ECU03	✓	✓	✓	✓		
Light passenger series\TOANO\Electronic power steering\Yubei EPS	✓	✓	✓	✓		S0014, S0194, S0130, S0004, S0243, S0244
Light passenger series\TOANO\Electronic power steering\Anhui Defu EPS	✓	✓	✓			S0583, S0010
Light passenger series\TOANO\One-touch start system(PEPS)\Guowei PEPS	✓	✓	✓	✓		
Light passenger series\TOANO\One-touch start system(PEPS)\Guowei PEPS (without anti-theft)	✓	✓	✓	✓		
Light passenger series\TOANO\Blind Spot Monitoring (BSD)	✓	✓	✓			S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Light passenger series\TOANO\Electronic Parking System(EPB)\Yuanfeng Electronic Parking System(EPB_A)	✓	✓	✓	✓		S0465, S0004, S0535, S0536, S0537, S0538, S0539, S0540, S0541, S0542, S0543
Light passenger series\TOANO\Electronic Parking System(EPB)\Yuanfeng Electronic Parking System(EPB_B)	✓	✓	✓	✓		S0465, S0004, S0535, S0536, S0537, S0538, S0539, S0540, S0541, S0542, S0543
Light passenger series\TOANO\Electronic Parking System(EPB)\LBN electronic parking	✓	✓	✓	✓		S0463, S0464, S0002, S0004, S0130
Light passenger series\TOANO\Dual Early Warning System (ADAS)\ADAS System Type 1	✓	✓	✓			S0010
Light passenger series\TOANO\Dual Early Warning System (ADAS)\ADAS system type 2	✓	✓	✓			S0544, S0545, S0546, S0381
Light passenger series\TOANO\Transmission system\Nakama Automatic Transmission ZMA614A	✓	✓	✓	✓	A0675, A0676, A0677, A0678, A0679, A0680, A0681, A0682, A0278, A0683, A0684, A0685	S0465, S0547, S0548, S0549, S0550
Light passenger series\TOANO\Transmission system\Aisin 6AT	✓	✓	✓	✓	A0553, A0554, A0555, A0556, A0557, A0558, A0559, A0560, A0561	S0010
Light passenger series\TOANO\Transmission system\UMC UTC8.1	✓	✓	✓	✓	A0577, A0578, A0579, A0580, A0581, A0162	
Light passenger series\TOANO\Transmission system\BONZI_6AT	✓	✓	✓	✓		
Light passenger series\TOANO\Driving recorder VDR	✓	✓	✓	✓		S0520, S0381
Light passenger series\TOANO\Emergency call system (E_CALL)	✓	✓	✓	✓		S0010
Light passenger series\VIEW - New Energy (2017)\Quick Test	✓	✓	✓			
Light passenger series\VIEW - New Energy (2017)\Vehicle Controller System\VCU (16-bit, V5)	✓	✓	✓	✓	A0328, A0329, A0330, A0331, A0332, A0335	
Light passenger series\VIEW - New Energy (2017)\Vehicle Controller System\VCU (32-bit)	✓	✓	✓	✓		S0273
Light passenger series\VIEW - New Energy (2017)\BMS battery management system	✓	✓	✓	✓	A0494, A0495, A0496, A0497, A0498, A0499, A0500, A0501, A0502, A0503, A0504, A0505	S0002
Light passenger series\VIEW - New Energy (2017)\MCU motor controller	✓	✓	✓	✓		S0279, S0280, S0002, S0391
Light passenger series\VIEW - New Energy (2017)\OBC Vehicle Charger	✓	✓	✓	✓		
Light passenger series\VIEW - New Energy (2018-) \VCU	✓	✓	✓	✓		S0273
Light passenger series\VIEW - New Energy (2018-) \BMS Battery Management System	✓	✓	✓	✓	A0494, A0495, A0496, A0497, A0498, A0499, A0500, A0501, A0502, A0503, A0504, A0505	S0002, S0277, S0278
Light passenger series\K1-New Energy (2018-)\VCU	✓	✓	✓	✓		S0273
Light passenger series\K1-New Energy (2018-)\BMS Battery Management System	✓	✓	✓	✓	A0494, A0495, A0496, A0497, A0498, A0499, A0500, A0501, A0502, A0503, A0504, A0505	S0002, S0277, S0278
Light passenger series\K1-New Energy (2018-)\MCU Motor Controller	✓	✓	✓	✓		S0279, S0280



Light passenger series\TOANO - New Energy (2017)\Quick Test	√	√	√			
Light passenger series\TOANO - New Energy (2017)\VCU (32-bit)	√	√	√	√		S0273
Light passenger series\TOANO - New Energy (2017)\BMS battery management system	√	√	√	√	A0494, A0495, A0496, A0497, A0498, A0499, A0500, A0501, A0502, A0503, A0504, A0505	S0002
Light passenger series\TOANO - New Energy (2017)\MCU motor controller	√	√	√	√		S0279, S0280, S0002, S0391
Light passenger series\TOANO - New Energy (2017)\OBC Vehicle Charger	√	√	√	√		
Light passenger series\TOANO - New Energy (2017)\DCDC converter	√	√	√	√		
Light passenger series\TOANO - New Energy (2018-)\VCU	√	√	√	√		S0273
Pickup series\Engine system (ECM)\D01 China VI Engine	√	√	√	√	A0512, A0513, A0514, A0515, A0516, A0517, A0518, A0519, A0520, A0521, A0522, A0523	S0306, S0098, S0307, S0308, S0309, S0310, S0311, S0312, S0313, S0314, S0315, S0316, S0317, S0318, S0319, S0320
Pickup series\Engine system (ECM)\G012.0T UMC engine	√	√	√	√	A0365, A0146, A0366, A0367, A0368, A0369, A0370, A0371, A0372, A0159, A0507, A0508, A0005, A0375, A0509, A0510, A0511	S0296, S0297, S0298, S0299, S0300, S0301, S0302, S0303, S0304, S0305, S0131, S0004
Pickup series\Engine system (ECM)\491 gasoline engine\UMC system\M797.1/M780	√	√	√	√	A0421, A0146, A0137, A0422, A0423	S0198, S0199
Pickup series\Engine system (ECM)\491 gasoline engine\Delphi System\MT20U (old version)		√	√	√	A0279, A0010, A0146, A0144, A0280, A0281, A0282, A0283	
Pickup series\Engine system (ECM)\491 gasoline engine\Delphi System\MT20U (new version)	√	√	√	√	A0278, A0010, A0146, A0144, A0143, A0142	
Pickup series\Engine system (ECM)\491 gasoline engine\Delphi System\MT20U2	√	√	√	√	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
Pickup series\Engine system (ECM)\491 gasoline engine\Delphi System\MT22U	√	√	√	√	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102
Pickup series\Engine system (ECM)\4JB1T Diesel Engine\Bosch diesel Common Rail system	√	√	√	√	Please refer to BOSCH Function List	
Pickup series\Engine system (ECM)\4JB1T Diesel Engine\VE pump System		√	√	√	A0336, A0337, A0338, A0339	
Pickup series\Engine system (ECM)\4JB1T Diesel Engine\Bosch Diesel China IV (EDC17-26E)	√	√	√	√		
Pickup series\Engine system (ECM)\4G69 Gasoline Engine\Delphi System MT22.1.1	√	√	√	√	A0296, A0297, A0298, A0299, A0300, A0278, A0308, A0309, A0310, A0311, A0173, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320	S0098, S0096, S0088, S0100, S0101, S0102
Pickup series\Engine system (ECM)\486 gasoline engine\United Power System (M788)	√	√	√	√	A0424, A0425, A0146, A0426, A0427, A0137, A0428, A0429, A0430, A0431	S0200
Pickup series\Engine system (ECM)\4J28TV Diesel Engine\Electronically Controlled VE Pump (K-line)	√	√	√	√		S0010
Pickup series\Engine system (ECM)\4J28TV Diesel Engine\Electronically Controlled VE Pump (OBD)	√	√	√	√		S0010, S0217
Pickup series\Engine system (ECM)\4G69CNG dual fuel\Chongqing Kairui Gas (IME)	√	√	√	√		
Pickup series\Engine system (ECM)\Beijing Foton Cummins (BFCEC) Engine	√	√	√	√	Please refer to CUMMINS Function List	
Pickup series\Gateway (GW)	√	√	√	√		S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335, S0336,
Pickup series\Body System (BCM)\Atech BCM	√	√	√	√	A0039, A0040, A0041, A0042, A0043, A0044, A0045, A0046, A0047, A0048, A0049, A0050, A0051, A0052, A0053, A0054, A0055, A0686, A0687, A0056, A0688,	S0008, S0005, S0006, S0551, S0552
Pickup series\Body System (BCM)\Shanghai Zibo	√	√	√	√	A0691, A0692, A0693, A0694, A0695, A0696, A0697, A0698, A0699, A0700, A0701, A0702, A0703, A0704, A0705, A0706, A0707, A0708, A0709, A0710, A0711,	S0377, S0378, S0553, S0554, S0555, S0556, S0557, S0004
Pickup series\Instrument system (ICM)\Continental Instrument	√			√	A0214, A0215, A0216, A0217, A0218, A0219, A0220, A0221, A0222, A0223, A0224, A0225, A0226, A0227, A0228, A0229, A0230, A0231, A0232, A0233, A0234,	S0012, S0010, S0088, S0089, S0090
Pickup series\Instrument system (ICM)\Combinatorial instrument	√	√	√	√	A0066, A0067, A0068, A0069, A0070, A0071, A0072, A0073, A0255, A0074, A0075, A0076, A0077, A0078, A0257, A0079, A0260, A0261, A0262, A0264, A0265,	S0004, S0010, S0251, S0256, S0252
Pickup series\Instrument system (ICM)\Instrument system (ICM)	√	√	√	√	A0085, A0043, A0042, A0044, A0039, A0045, A0745, A0746, A0747, A0748, A0749, A0750, A0751, A0040, A0752, A0753, A0754, A0755, A0001, A0756, A0757,	S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Brake System(ABS/ESC/ESP)\Bosch ABS8	√	√	√	√	Please refer to ABS Function List	
Pickup series\Brake System(ABS/ESC/ESP)\VIE ABS	√	√	√	√	Please refer to ABS Function List	
Pickup series\Brake System(ABS/ESC/ESP)\Riley ABS (K-line)	√	√	√	√	A0765, A0766, A0767, A0768, A0769, A0770, A0771, A0772, A0773, A0774, A0364	S0128, S0003
Pickup series\Brake System(ABS/ESC/ESP)\Bosch ABS9 (CAN line)	√	√	√	√	A0028, A0029, A0030, A0031, A0032, A0033, A0034, A0035, A0036, A0037, A0038	S0003
Pickup series\Brake System(ABS/ESC/ESP)\Anti-lock Braking System (ABS)	√	√	√	√	A0028, A0029, A0030, A0031, A0032, A0033, A0034, A0035, A0036, A0037, A0038	S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Brake System(ABS/ESC/ESP)\Body Stability System (ESC/ESP)	√	√	√	√	A0350, A0351, A0352, A0353, A0354, A0355, A0356, A0357, A0358, A0359, A0360, A0361, A0036, A0037, A0362, A0038, A0363, A0364	S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Brake System(ABS/ESC/ESP)\Bosch ESP9	√	√	√	√	A0350, A0351, A0352, A0353, A0354, A0355, A0356, A0357, A0358, A0359, A0360, A0361, A0036, A0037, A0362, A0038, A0363, A0364	S0128, S0003, S0110, S0129, S0130

Pickup series\360 Surround View (AVM)	√	√	√	√		S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Air Conditioning System (CLM)\Hangzhou III Flower air conditioning system	√	√	√	√	A0433	
Pickup series\Air Conditioning System (CLM)\Air Conditioning System (CLM)	√	√	√	√		S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Blind Spot Monitoring (BSD)	√	√	√			S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Airbag (SRS)\Jinheng airbag	√	√	√	√	A0389	S0012, S0196, S0097
Pickup series\Airbag (SRS)\Continental Jinheng SRS	√	√	√	√	A0322, A0323, A0324, A0325, A0276	S0012, S0106, S0107, S0108, S0109
Pickup series\Airbag (SRS)\Airbag (SRS)	√	√	√	√	A0386, A0524	S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Audio and Video System (Audio)\Audio and Video System (Audio)	√	√	√	√		S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Audio and Video System (Audio)\General double screen audio	√	√	√	√		S0581, S0377, S0582, S0465, S0004
Pickup series\Internet of Vehicles System (TBOX)	√	√	√	√		S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Front camera (FCS)\FCS-Shanghai	√	√	√	√		S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\Front camera (FCS)\FCS-Neusoft	√	√	√	√		S0377, S0249, S0037, S0321, S0322, S0323, S0324, S0325, S0326, S0153, S0073, S0327, S0328, S0329, S0330, S0331, S0332, S0333, S0334, S0043, S0335,
Pickup series\AdBlue Exhaust Aftertreatment (DCU)	√	√	√	√		
Pickup series\Automatic Transmission(8AT)\ZF Automatic Transmission(Type 1)	√	√	√	√		S0386, S0004
Pickup series\Automatic Transmission(8AT)\ZF Automatic Transmission(Type 2)	√	√	√	√		S0377, S0378, S0558, S0559, S0560, S0004
Pickup series\Electronic gearshift lever (GSM)	√	√	√	√	A0775, A0776, A0777, A0778	S0557, S0004
Pickup series\Dual Early Warning System (ADAS)\Camera system	√	√	√			S0385, S0377
Pickup series\Dual Early Warning System (ADAS)\Radar System	√	√	√			S0385, S0377, S0378, S0557, S0004
Pickup series\Anti-theft System (IMMO)	√	√	√	√	A0506	S0281, S0282, S0283, S0284, S0285, S0286, S0287, S0288, S0289, S0290, S0291, S0292, S0293
Pickup series\One-touch start system(PEPS)	√	√	√	√	A0129, A0130, A0131, A0132, A0133, A0134, A0135, A0065	S0079, S0080
Pickup series\4WD System(2SPT)\BorgWarner two-speed intelligent transfer system	√	√	√	√	A0128	S0012
Pickup series\4WD System(2SPT)\Electric transfer case (2SPT)	√	√	√	√		S0381, S0004
Pickup series\Tire Pressure Monitoring System (TPMS)	√	√	√	√		
Pickup series\Driving recorder VDR	√	√	√	√		S0520, S0381
Pickup series\New Energy System\Vehicle Controller System (VCU)	√	√	√	√	A0550, A0779, A0780, A0781, A0782, A0783, A0784, A0785, A0786, A0142, A0332, A0787	S0273
Pickup series\New Energy System\Battery Management System (BMS)	√	√	√	√	A0494, A0495, A0496, A0497, A0498, A0499, A0500, A0501, A0502, A0503, A0504, A0505	S0002
Pickup series\New Energy System\Motor Control System (MCU)	√	√	√	√		S0279, S0280
Pickup series\New Energy System\On-board charger (OBC)	√	√	√	√		
Pickup series\New Energy System\DC Converter (DCDC)	√	√	√	√		
Pickup series\New Energy System\Electronic hydraulic power assist system (EHB)	√	√	√		A0788, A0789, A0790, A0791	S0561, S0562, S0381, S0004
Pickup series\New Energy System\Electronic Parking System(EPB)	√	√	√			S0381, S0563, S0564, S0565, S0566, S0567, S0568, S0569, S0570, S0571, S0572, S0573, S0574, S0575, S0576, S0577, S0578, S0579, S0580, S0004
Pickup series\Emergency call system (E_CALL)	√	√	√	√		S0010
SUV\Legend\Engine\491 gasoline engine\MT20U (old version)		√	√	√	A0279, A0010, A0146, A0144, A0280, A0281, A0282, A0283	
SUV\Legend\Engine\491 gasoline engine\MT20U (new version)	√	√	√	√	A0278, A0010, A0146, A0144, A0143, A0142	
SUV\Legend\Engine\491 gasoline engine\MT20U2	√	√	√	√	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
SUV\Legend\Engine\491 gasoline engine\MT22U	√	√	√	√	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102

SUV\Legend\Engine\4G63 Gasoline Engine\MT20U2	✓	✓	✓	✓	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
SUV\Legend\Engine\4G63 Gasoline Engine\MT22U	✓	✓	✓	✓	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102
SUV\Legend\Engine\4G64 Gasoline Engine\MT20U2	✓	✓	✓	✓	A0001, A0010, A0146, A0143, A0142, A0144, A0284, A0285, A0286, A0287, A0288, A0282, A0283, A0289, A0290, A0291, A0292, A0293, A0294, A0295, A0296,	S0002, S0096, S0097
SUV\Legend\Engine\4G64 Gasoline Engine\MT22U	✓	✓	✓	✓	A0278, A0308, A0309, A0310, A0311, A0321, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320, A0296, A0297, A0298, A0299, A0300	S0103, S0104, S0105, S0100, S0101, S0102
SUV\Legend\Engine\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch EDC17-26E (China IV)	✓	✓	✓	✓		
SUV\Legend\Engine\4JB1T Diesel Engine\Bosch diesel Common Rail system\Bosch Automatic Identification	✓	✓	✓	✓	Please refer to BOSCH Function List	
SUV\U201\Engine System\486 supercharged engine\UMC M788	✓	✓	✓	✓	A0424, A0425, A0146, A0426, A0427, A0137, A0428, A0429, A0430, A0431	S0200
SUV\U201\Engine System\486 self-priming engine\M797.1/M780	✓	✓	✓	✓	A0421, A0146, A0137, A0422, A0423	S0198, S0199
SUV\U201\Engine System\G012.0T UMC engine\MED17.8.2	✓	✓	✓	✓	A0365, A0146, A0366, A0367, A0368, A0369, A0370, A0371, A0372, A0159, A0373	S0131, S0132, S0133, S0134
SUV\U201\Engine System\4G69 engine\Delphi MT22.1.1	✓	✓	✓	✓	A0296, A0297, A0298, A0299, A0300, A0278, A0308, A0309, A0310, A0311, A0173, A0312, A0313, A0292, A0314, A0315, A0316, A0317, A0318, A0319, A0320	S0098, S0096, S0088, S0100, S0101, S0102
SUV\U201\Engine System\Beijing Foton Cummins (BFCEC) Engine	✓	✓	✓	✓	Please refer to CUMMINS Function List	
SUV\U201\Transmission system\ZF Automatic transmission	✓	✓	✓	✓		S0386, S0004
SUV\U201\Anti-lock brakes\Bosch ABS9	✓	✓	✓	✓	A0028, A0029, A0030, A0031, A0032, A0033, A0034, A0035, A0036, A0037, A0038	S0003
SUV\U201\Anti-lock brakes\Bosch ESP9	✓	✓	✓	✓	A0350, A0351, A0352, A0353, A0354, A0355, A0356, A0357, A0358, A0359, A0360, A0361, A0036, A0037, A0362, A0038, A0363, A0364	S0128, S0003, S0110, S0129, S0130
SUV\U201\Body System\Atech BCM	✓	✓	✓	✓	A0062, A0063, A0056, A0064	S0008, S0005, S0009, S0006
SUV\U201\Instrument \Continental Instrument	✓			✓	A0066, A0067, A0068, A0069, A0070, A0071, A0254, A0255, A0074, A0075, A0076, A0077, A0256, A0078, A0257, A0258, A0079, A0259, A0260, A0261, A0262,	S0012, S0010, S0091, S0089, S0092, S0093
SUV\U201\Four-wheel drive system\BorgWarner two-speed electric transfer case system	✓	✓	✓	✓	A0065, A0126, A0127	
SUV\U201\Four-wheel drive system\BorgWarner two-speed intelligent transfer system	✓	✓	✓	✓	A0128	S0012
SUV\U201\Airbag\Jingheng airbag (new)	✓	✓	✓	✓	A0386, A0387, A0388	S0195, S0010, S0097, S0109, S0004
SUV\U201\Tire Pressure\Xiamen Tongzhi TPMS	✓	✓	✓	✓		
SUV\U201\A/C System\Hangzhou III Flower air conditioning system	✓	✓	✓	✓	A0433	
SUV\U201\Anti-theft system\Continental security	✓	✓	✓	✓	A0506	S0281, S0282, S0283, S0284, S0285, S0286, S0287, S0288, S0289, S0290, S0291, S0292, S0293
SUV\U201\One-button start control system\Changhui PEPS	✓	✓	✓	✓	A0129, A0130, A0131, A0132, A0133, A0134, A0135, A0065	S0079, S0080
Futian Guoliu\D01 China VI Engine	✓	✓	✓	✓	A0512, A0513, A0514, A0515, A0516, A0517, A0518, A0519, A0520, A0521, A0522, A0523	S0306, S0098, S0307, S0308, S0309, S0310, S0311, S0312, S0313, S0314, S0315, S0316, S0317, S0318, S0319, S0320
Futian Guoliu\4F20TC(D01)_Bosch MD1CS089_China VI	✓	✓	✓	✓	A0512, A0845, A0846, A0514, A0519, A0847, A0515, A0848, A0849, A0850, A0851, A0521, A0852, A0853, A0854	S0597, S0598, S0098, S0599, S0600, S0307, S0314, S0315, S0316, S0317, S0318, S0601, S0602, S0603, S0309, S0604, S0311, S0312, S0313
Futian Guoliu\Foton P1759 (Bosch EDC17CV43 electronic control)	✓	✓	✓	✓	Please refer to BOSCH Function List	
Futian Guoliu\Foton P1734 EDC17C81	✓	✓	✓	✓	Please refer to BOSCH Function List	
Futian Guoliu\Foton P2003 EDC17C81	✓	✓	✓	✓	Please refer to BOSCH Function List	
Futian Guoliu\Foton P1955 MD1CS089 China VI	✓	✓	✓	✓	Please refer to BOSCH Function List	
Futian Guoliu\Foton P2046 MD1CS089	✓	✓	✓	✓	Please refer to BOSCH Function List	

Special Function Table	
S0001	Tooth learning
S0002	Flash VIN
S0003	Manual exhaust
S0004	Hardware Reset
S0005	Key match
S0006	Erase key information
S0007	Sleep Mode
S0008	Reset body system
S0009	Activate anti-theft horn
S0010	Write VIN Code
S0011	Write configuration parameters
S0012	ECU reset

S0013	Read and write ECU installation date
S0014	Read/Write VIN
S0015	Read and write mileage
S0016	Read and write last programming date
S0017	Read Write Maintenance Diagnostics Serial Number
S0018	Rear axle speed ratio 1 (2.46~3.7)
S0019	Rear axle speed ratio 2 (3.86~4.625)
S0020	Rear axle speed ratio 3 (4.76~6.73)
S0021	Tire type and rolling radius 1
S0022	Tire type and rolling radius 2
S0023	Tire model and rolling radius 3
S0024	Gearbox speed ratio
S0025	Pulse number of speed sensor
S0026	Number of steering axle
S0027	Number of drive axle
S0028	Braking System
S0029	AEBS/ACC
S0030	HAS
S0031	Retarder
S0032	ECAS
S0033	TPMS
S0034	Transmission
S0035	Engine immobilizer
S0036	Emission allocation
S0037	Engine Type
S0038	Exhaust aftertreatment route
S0039	Disk Brake
S0040	Tachograph
S0041	Lane departure system
S0042	Gate controller
S0043	AB (Air Bag)
S0044	Daytime running light (drl)
S0045	Speed warning function
S0046	K value
S0047	Fuel type
S0048	Emission grade
S0049	Engine product name
S0050	Speed overspeed alarm
S0051	Brake system configuration
S0052	AMT configuration
S0053	ADB (brake pad warning light) configuration
S0054	LNG liquid tank up one layer configuration.
S0055	LNG liquid tank up two layer configuration
S0056	LNG liquid tank right configuration
S0057	LNG liquid tank left configuration
S0058	TPMS tire pressure monitoring
S0059	Recorder configuration
S0060	Fifth servo steering configuration
S0061	Engine coolant high temperature alarm point
S0062	Fuel consumption adjustment value
S0063	Lane departure
S0064	IMMO engine anti-theft
S0065	Engine green interval starting point
S0066	Engine green interval termination point
S0067	Starting point of engine red section
S0068	Engine red interval termination point
S0069	Transmission Turbine worm speed ratio
S0070	Gearbox output shaft tooth number
S0071	TPMS tire pressure monitoring Manufacturer
S0072	Tire radius
S0073	Rear axle speed ratio
S0074	Engine ECU Controller
S0075	Airbag
S0076	AEBS Pre-Brake System/ACC Adaptive System
S0077	HAS uphill start assist system
S0078	Fuel Heating System
S0079	EOL mode
S0080	4S shop mode
S0081	Engine number
S0082	Digital input
S0083	Engine parameters
S0084	Vehicle parameters
S0085	Fan
S0086	Control unit replacement
S0087	Read/write VIN code
S0088	Write Programming Date
S0089	Write customer part number
S0090	Write mileage Table
S0091	Write to repair shop number
S0092	Read and write odometer
S0093	Clearance maintainance reminder
S0094	VIN flash
S0095	Write last repair date
S0096	Write Depot Code or Diagnostic Instrument Serial Number
S0097	Written production date
S0098	Flash VIN
S0099	Program Flash Date
S0100	Tooth signal (TEC) learning
S0101	Air Efficiency Correction (BLM) Learning
S0102	Air Efficiency Correction (BLM) Reset

S0103	Read and write VIN
S0104	Read and write repair station code or serial number of diagnostic tool
S0105	Read and write production date
S0106	EOL module lock
S0107	Write Vehicle chassis number (VIN)
S0108	Write the vehicle production date
S0109	Write last time Service date
S0110	SAS corner sensor calibration
S0111	Proportional Solenoid Valve 3
S0112	Proportional Solenoid Valve 4
S0113	MR and FR together Work
S0114	Engine Oil Temperature Sensor
S0115	Engine oil level sensor
S0116	Starter Model
S0117	Gearbox use Range
S0118	Oil sump model
S0119	Proportional Solenoid Valve 5
S0120	Proportional Solenoid Valve 6
S0121	Engine oil pressure
S0122	Proportional Solenoid Valve 7
S0123	Proportional electrical valve 8
S0124	Pipe heating device Model
S0125	diffuser heater
S0126	Air temperature/air temperature sensor
S0127	Starting torque multiplier
S0128	ABS test
S0129	Lateral rate sensor Calibration
S0130	Software reset
S0131	Write VIN
S0132	Write programmed date
S0133	Write garage code
S0134	Match/Set
S0135	air conditioning type configuration
S0136	ambient temperature configuration
S0137	adaptive cruise function turn-on configuration
S0138	Speed limit function turn-on configuration
S0139	Cruise function turn-on configuration
S0140	Fan type configuration
S0141	ESP torque response function turn on configuration (with or without ESP configuration)
S0142	Smart generator function turn on configuration
S0143	Engine Power configuration
S0144	ECO mode configuration
S0145	Variable oil pump function configuration
S0146	Wake-up function configuration
S0147	Vacuum pump control function open configuration
S0148	Start-stop function open configuration
S0149	type of tire
S0150	ABS Configuration
S0151	Model series
S0152	Left and right driving type
S0153	Driver type
S0154	Differential
S0155	Number of passengers
S0156	Country code
S0157	Model year
S0158	Emission standard
S0159	Engine
S0160	Cooling fan
S0161	Cruise Control
S0162	Parking start system
S0163	Oil tank type
S0164	Oil tank
S0165	Mixing degree
S0166	Parking braker
S0167	Auxiliary brake
S0168	Assistant steering
S0169	Tire
S0170	Light adaptive system
S0171	Automatic lighting control system
S0172	Sunroof
S0173	Front wiper
S0174	Driver seat
S0175	Seat heating
S0176	Back door opening method
S0177	Driver glass window operation
S0178	One-button starting system
S0179	Remote Keyless Entry System
S0180	T-BOX
S0181	Automatic Emergency Brake
S0182	Combinatorial instrument
S0183	Air Conditioning
S0184	Tire Pressure Monitor System
S0185	Reversing radar
S0186	NAV
S0187	Reverse Shadow
S0188	Driver-assisted camera
S0189	Distance control unit
S0190	360° panoramic image detection system
S0191	Downhill auxiliary system
S0192	Speed limiting device

S0193	Outside vehicle temperature sensor
S0194	Switch key reset
S0195	EOL Lock
S0196	WRITE VIN
S0197	Special Function
S0198	Carbon Carbon canister control valve (%)
S0199	Delayed ignition (" )
S0200	ECU power off reset
S0201	Roller mode
S0202	Backup mode
S0203	ESP calibration
S0204	Write last time ECU overhaul date
S0205	Vehicle type 1
S0206	Vehicle Type 2
S0207	Vehicle type 3
S0208	Vehicle type 4
S0209	Vehicle brand port number
S0210	Instrument configuration (by model)
S0211	Cold tire nominal learning value
S0212	Set high temperature alarm
S0213	Tire learning code (trigger or pressure relief)
S0214	Tire code
S0215	Delete all sensor IDs
S0216	Vehicle configuration
S0217	CALID setting
S0218	Calculation parameter check
S0219	Calibration height sensor
S0220	Calculating CAN-DATA check
S0221	Reset height controller
S0222	Edge test
S0223	Component check
S0224	Parameter check
S0225	Axis load (offset) register status
S0226	Calibration pressure sensor Obar
S0227	Reset
S0228	LUMPR information
S0229	Exhaust Aftertreatment Test
S0230	Reset all adaptive values
S0231	Intake volume correction
S0232	Knock control adaptive value
S0233	Idle speed self-adaptive value
S0234	Lambda adaptive value
S0235	misfire adaptive value
S0236	dynamic adjustment
S0237	Anti-theft indicator
S0238	knock slow correction
S0239	EGR adaptive reset request
S0240	Idle carbon monoxide adjustment
S0241	Read and write programming records
S0242	Read and write vehicle configuration items
S0243	Steering wheel angle median calibration
S0244	Steering wheel angle median clear
S0245	PTO 1 type
S0246	PTO 2 type
S0247	Gear Type
S0248	Reverse gear type
S0249	Transmission Type
S0250	Retarder type
S0251	Write ECU installation date
S0252	Read mileage
S0253	Write last programmed date
S0254	Write service diagnostic serial number
S0255	Write configuration parameter
S0256	Write mileage
S0257	Learn key
S0258	Key write
S0259	Erase key
S0260	Write data
S0261	Set tire pressure alarm value
S0262	Set high temperature alarm value
S0263	Write ECU installation date
S0264	Write last programming date
S0265	Write the serial number of the maintenance diagnostic instrument
S0266	EOL alignment
S0267	Service alignment
S0268	Erase low-level DTC
S0269	Reset AEBS times
S0270	Learn key
S0271	Clear key
S0272	Anti-theft controller reset
S0273	SAS calibration
S0274	Corner zero calibration
S0275	Torque zero calibration
S0276	Clear the angle median data
S0277	EOL fault simulation battery temperature is too high
S0278	EOL fault simulation battery temperature difference is too large
S0279	Clear the initial angle of the front drive motor rotor
S0280	Write the initial angle of the front drive motor rotor
S0281	Replace key
S0282	Reset IMMO

S0283	Reset ECM
S0284	Replace ECM
S0285	Replace IMMO
S0286	Replace ECM and IMMO at the same time
S0287	Reset ECM G01 2.0TGDI
S0288	Replace ECM G01 2.0TGDI
S0289	Replace IMMO G01 2.0TGDI
S0290	Reset ECM D01 2.0TGDI
S0291	Replace ECM D01 2.0TGDI
S0292	Replace IMMO D01 2.0TGDI
S0293	Input PIN code
S0294	Key learning
S0295	Read the number of keys
S0296	VVT learning
S0297	Replace GPF
S0298	Replace GPF differential pressure sensor
S0299	Trigger GPF regeneration
S0300	Front and rear oxygen rapid diagnosis
S0301	Misfire, VVT, catalyst, fuel self-learning
S0302	First start assist
S0303	Throttle forced self-learning
S0304	DMTL leak diagnosis
S0305	Temporarily shut down the engine Anti-theft 60S
S0306	Nozzle data
S0307	DPF function
S0308	Cut off cylinder (injection off) test
S0309	Engine speed comparison
S0310	Startup fault information
S0311	Compression Test
S0312	Accelerated Testing
S0313	High-pressure Test
S0314	EGR valve position correction value self-learning
S0315	TVA valve full-off position correction value self-learning
S0316	HFM drift correction value reset
S0317	LSU correction value reset
S0318	FMO correction value function
S0319	Vehicle speed limit information and vehicle speed signal source
S0320	AdBlue induction system restart count
S0321	Tire model
S0322	Language
S0323	Over speed alarm
S0324	Wheelbase type
S0325	Left and right rudder
S0326	Aftertreatment type
S0327	Engine Power
S0328	Country[1]
S0329	Country[2]
S0330	Country[3]
S0331	Country[4]
S0332	360 view
S0333	Blind spot monitoring
S0334	Front view camera
S0335	Anti-lock Brake System
S0336	Electronic stability system
S0337	Electronic parking system
S0338	Front radar
S0339	Emission country
S0340	T-BOX
S0341	Door module Type
S0342	PM2.5
S0343	Rain light sensor
S0344	Sunroof type
S0345	Combination switch type
S0346	Electronic steering column lock
S0347	Steering wheel type
S0348	Front parking radar
S0349	Rear parking radar
S0350	Front collision warning
S0351	Adaptive headlight
S0352	Adaptive Cruise
S0353	Rear defrost
S0354	Air conditioning type
S0355	Automatic start and stop
S0356	Adjustable speed limit
S0357	Rear-view mirror heating
S0358	PEPS type
S0359	Tyre pressure monitor
S0360	Daytime Running Light
S0361	Welcome light
S0362	Front Fog Lamp
S0363	Ambient light
S0364	Front turn signal type
S0365	Auto headlight
S0366	Front right seat belt pretensioner
S0367	Front left seat belt pretensioner
S0368	Front right front airbag
S0369	Front left positive Airbag
S0370	Right side air curtain
S0371	Left side air curtain
S0372	Front right side airbag

S0373	Front left side airbag
S0374	Rear right seat belt pretensioner
S0375	Rear Left seat belt pretensioner
S0376	Shop ID/Diagnostic Serial Number
S0377	Read platform configuration
S0378	One-click platform configuration
S0379	Hub mode
S0380	Automatic calibration
S0381	Write VIN
S0382	Write repair shop number/diagnostic instrument serial number
S0383	Write to host factory part number
S0384	Static calibration
S0385	Dynamic calibration
S0386	Reset TCM self-learning value
S0387	Tire size
S0388	Pulse number
S0389	Rear door lock early warning
S0390	Anti-Theft
S0391	Vendor Code
S0392	All self-learning reset
S0393	Parallel test
S0394	Air conditioner compressor relay test
S0395	Intake and exhaust VVT control valve test
S0396	Ignition coil 1 test
S0397	ignition coil 2 test
S0398	Ignition coil 3 test
S0399	Ignition coil 4 test
S0400	Booster and pressure relief valve test
S0401	Variable intake control switch Test
S0402	Exhaust control valve test
S0403	Injector 1 test
S0404	Injector 2 test
S0405	Injector 3 test
S0406	Injector 4 test
S0407	Throttle position test
S0408	Catalytic package effectiveness diagnosis
S0409	Idle speed control
S0410	Starter relay 1 control
S0411	Starter relay 2 control
S0412	First engine start preparation
S0413	Stepless fan 1 control
S0414	Stepless fan 2 control
S0415	Carbon canister control valve test
S0416	Low pressure oil pump relay test
S0417	Oil pump controller control test
S0418	High pressure pump control Valve test
S0419	Vacuum pump control test
S0420	Auxiliary water pump 1 test
S0421	Auxiliary water pump 2 test
S0422	Exhaust VVT control valve test
S0423	Rear oxygen sensor 1 heating test
S0424	Front oxygen sensor 1 heating test
S0425	Rear oxygen sensor 2 heating test
S0426	Front oxygen sensor 2 heating test
S0427	Reset the number of starts of the starter
S0428	Variable oil pump control valve test
S0429	Battery configuration
S0430	Electronic throttle quick self-learning
S0431	ESP torque response function turn on configuration (with or without ESP configuration)
S0432	Host registration
S0433	Learning configuration from the meter
S0434	Configuration status
S0435	RKE function on
S0436	Anti-theft function on
S0437	Sun and rain sensor function on
S0438	Cruise control
S0439	ECU manufacturer
S0440	Drive
S0441	ABS/ESC
S0442	Left/right rudder
S0443	EPS
S0444	Tire Size
S0445	PEPS
S0446	Passenger side gravity sensor
S0447	Chinese and English display switch
S0448	Start-stop function on
S0449	120Km/ h Vehicle speed alarm turned on
S0450	vehicle speed alarm mode
S0451	ESCL function
S0452	Learning configuration by vehicle model
S0453	Remote control key learning
S0454	Delete remote control key
S0455	Window control mode
S0456	Electronic handbrake
S0457	Anti-pinch function
S0458	Straight handle key learning
S0459	Delete Straight handle key
S0460	Replace BCM
S0461	Replace EMS
S0462	Replace BCM and ECM at the same time



S0463	EPB maintenance release
S0464	Angle calibration
S0465	VIN Write
S0466	Vin Code Brush Write
S0467	VDS information flash
S0468	Fuel nozzle data flash
S0469	Hydraulic control unit test
S0470	Exhaust dosing test
S0471	Coding function
S0472	Corner zero calibration clear
S0473	Learn about tire sensors
S0474	Clear tire sensor
S0475	Write motor code
S0476	Read PEPS configuration
S0477	Write PEPS configuration
S0478	Smart key learning
S0479	Erase Electronic Steering Column Lock (ESCL) key
S0480	Rear camera (reversing)
S0481	Gearbox type configuration
S0482	Turning view switching speed value
S0483	Write the recording duration of a single video
S0484	After-sales calibration of front-view camera
S0485	Write repair shop code/tester serial number
S0486	Clear the azimuth offset of the alignment compensation
S0487	Service Calibration (SPTAC)
S0488	Inspection camera
S0489	Power switch key reset
S0490	Write parameter configuration
S0491	Read vehicle parameters
S0492	ESC calibration
S0493	Read camera parameters
S0494	Read the number of remote keys
S0495	Learn the ID of the left tire on the first axle
S0496	Learn the ID of the right tire on the first axle
S0497	Learn the tire ID of the left casing of the second axle
S0498	Learn the tire ID of the left inner tube on the second axle
S0499	Learn the tire ID of the right inner tube on the second axle
S0500	Learn the tire ID of the right tire of the second axle
S0501	Learn the tire ID of the left casing of the third axle
S0502	Learn the tire ID of the left inner tube of the third axle
S0503	Learn the tire ID of the right inner tube of the third axle
S0504	Learn the tire ID of the right tire of the third axle
S0505	Learn the tire ID of the left tire of the fourth axle
S0506	Learn the tire ID of the left inner tube of the fourth axle
S0507	Learn the tire ID of the fourth axle right inner tube
S0508	Learn the tire ID of the right tire of the fourth axle
S0509	Learn the tire ID of the left tire casing of the fifth axle
S0510	Learn the tire ID of the fifth axle left inner tube
S0511	Learn the tire ID of the fifth axle right inner tube
S0512	Learn the tire ID of the fifth axle right side tire
S0513	Learn the tire ID of the left tire casing of the sixth axle
S0514	Learn the tire ID of the sixth axle left inner tube
S0515	Learn the tire ID of the sixth axle right inner tube
S0516	Learn the tire ID of the right tire of the sixth axle
S0517	Read radar parameters
S0518	Read vehicle configuration
S0519	Engine type configuration
S0520	vehicle data configuration
S0521	Shift self-learning
S0522	gear shift test
S0523	PTO solenoid valve pull-in test
S0524	Write the repair station code or the serial number of the diagnostic equipment
S0525	Ramp sensor self-learning
S0526	Learn Tu Key
S0527	Bind
S0528	unbind
S0529	Read configuration parameters
S0530	Learn the key [non-PEPS models]
S0531	Key Write [Non-PEPS Models]
S0532	Read the number of remote control keys [non-PEPS models]
S0533	Write in VIN number
S0534	Activate data logger
S0535	enter service mode
S0536	exit service mode
S0537	Caliper status reset
S0538	Clamping on both sides
S0539	Caliper release on both sides
S0540	Left side caliper clamping
S0541	Left side caliper release
S0542	Right side caliper clamping
S0543	Right side caliper release
S0544	coding process
S0545	Camera calibration
S0546	Millimeter wave radar calibration
S0547	Allowed maximum speed
S0548	Adaptive initialization
S0549	Inertial unit mark 0
S0550	ESP configuration
S0551	Read CAN configuration information
S0552	Set CAN configuration information

S0553	Replacement of SBCM [High]
S0554	Replace SBCM [low trim]
S0555	Read key data
S0556	Replace ESCL
S0557	One-touch VIN code configuration
S0558	Reset Transmission Self-Learning Value
S0559	Reset CAN node learning value
S0560	Activate permanent fault code
S0561	Load matching
S0562	Check push rod zero position
S0563	Assembly test
S0564	Apply PBC to clamp both brakes
S0565	Release PBC - Release both brakes
S0566	Apply the left parking brake
S0567	Apply the right parking brake
S0568	Release the left parking brake
S0569	Release the right parking brake
S0570	Touch both PBC parking brakes
S0571	Step PBC both parking brakes
S0572	Touch the PBC left parking brake
S0573	Touch the PBC right parking brake
S0574	Step PBC left parking brake
S0575	Step PBC right parking brake
S0576	Left actuator counter reset
S0577	Right actuator counter reset
S0578	Mode M (Caliper returns to factory default settings)
S0579	Enter PBC maintenance mode
S0580	Exit PBC maintenance mode
S0581	Offline calibration mode
S0582	Write the serial number of the repair shop/diagnostic instrument
S0583	Steering angle calibration
S0584	back to neutral
S0585	Clutch and gear self-learning
S0586	Enter vehicle test mode
S0587	Clutch Exhaust
S0588	accumulator buck
S0589	Clutch contact point self-learning
S0590	On-line self-learning
S0591	new actuator
S0592	Accelerometer Self-Tuning
S0593	Clutch stroke self-learning
S0594	neutral engagement
S0595	Read function configuration
S0596	Write function configuration
S0597	read engine configuration
S0598	Read and write injector data
S0599	Flashing VDS Code
S0600	Flash CAL ID
S0601	DPF regeneration function test
S0602	Aftertreatment AdBlue system test
S0603	Cut off cylinder (injection off) test
S0604	Start fault information test
S0605	EOL fault simulation battery temperature is too high
S0606	EOL fault simulation battery temperature difference is too large
S0607	Write battery code
S0608	Inclination zero mark
S0609	ESC EOL function
S0610	ESC calibration (no curve)
S0611	clear memory bit
S0612	KIT pressure relief
S0613	Clutch engagement point self-learning
S0614	Gearbox gear self-learning
S0615	Mechanism Body Update
S0616	Write mileage
S0617	Read vehicle configuration information
S0618	Instrument configuration [by function]
S0619	Instrument configuration [by model]

### Active Test Table

A0001	MIL
A0002	Fuel Pump
A0003	Low Speed Fan
A0004	High Speed Fan
A0005	A/C Compressor
A0006	Controller Shutdown logic
A0007	Carbon canister vent
A0008	Variable inlet
A0009	Injector cut-off
A0010	Carbon canister Purge
A0011	EGR
A0012	Ignition angle advance or delay
A0013	Fuel charge level display
A0014	TACHOGRAPH
A0015	ETC
A0016	Oxygen heating front device
A0017	Oxygen heating device
A0018	Camshaft phase intake
A0019	Camshaft phase oil suction device control valve

A0020	Camshaft phase exhaust
A0021	Camshaft phase oil outlet device control valve
A0022	BLM self-learning not enabled
A0023	Fuel open loop
A0024	Idle CAT monitoring
A0025	Oxygen response
A0026	Target low idle speed
A0027	Target high idle speed
A0028	Left front oil inlet valve
A0029	Left front oil outlet valve
A0030	Right front oil inlet valve
A0031	Right front oil outlet valve
A0032	Left rear oil inlet valve
A0033	Left rear oil outlet valve
A0034	Right rear oil inlet valve
A0035	Right rear oil outlet valve
A0036	Pump motor
A0037	ABS indicator
A0038	EBD indicator
A0039	Left turn signal
A0040	Right turn signal
A0041	SMALL LIGHT
A0042	Low Beam Light
A0043	High Beam Light
A0044	Front Fog Lamp
A0045	Rear Fog Light
A0046	Ceiling Light
A0047	Safety lights
A0048	Danger warbing light
A0049	Front wiper (high-speed)
A0050	Rear wiper
A0051	Front washer
A0052	Rear washing
A0053	Front wiper (low-speed)
A0054	Left Front window
A0055	Front Right window
A0056	Central Lock
A0057	Horn
A0058	Foot Light
A0059	Daytime running light (drl)
A0060	Rearview defrosting
A0061	Windshield defrosting
A0062	Electric window
A0063	Washing and wiper
A0064	Lamps
A0065	ECU reset
A0066	Low fuel oil
A0067	water temperature is high
A0068	TPMS alarm
A0069	ABS Failed
A0070	Engine immobilizer
A0071	Engine oil pressure low
A0072	Brake system fault
A0073	PARKING BRAKE
A0074	Engine exhaust fault
A0075	Engine stopped
A0076	Driver belt
A0077	Non emission related fault
A0078	Turn Left
A0079	Turn Right
A0080	Engine preheat
A0081	Transmission faulty red
A0082	ESP instructions
A0083	ESP close
A0084	Oil and water separation
A0085	Position lights
A0086	ASR fault
A0087	Low cooling level
A0088	Cab lock
A0089	Low AdBlue level
A0090	Exhaust brake light
A0091	Trailer turn left
A0092	Trailer turn right
A0093	Air filtration obstruction
A0094	Adaptive cruise system fault
A0095	Collision warning
A0096	Brake air path 1 red
A0097	Brake air path 2 red
A0098	Retarder system indication
A0099	Trailer ABS fault
A0100	Slope indication
A0101	EBS fault red
A0102	Trailer EBS fault
A0103	Low steering level
A0104	Brake shoe alarm
A0105	ECAS failure alarm
A0106	ECAS abnormal height indication
A0107	Traction auxiliary indication
A0108	Lifting shaft indication
A0109	Lane departure fault

A0110	Serious fault stop
A0111	Working instructions for dump trucks
A0112	Transmission faulty yellow
A0113	Brake air path 1 green
A0114	Brake air path 2 green
A0115	EBS malfunction yellow
A0116	Water table
A0117	fuel level gauge
A0118	Speedometer
A0119	Barometer
A0120	AdBlue meter
A0121	Plate illumination
A0122	Pointer illumination
A0123	LCD lighting
A0124	Beep
A0125	Display test
A0126	Front axle clutch disconnected
A0127	System operating mode
A0128	Vehicle Information Configuration
A0129	Activate Buzzer
A0130	Activate Driver's Side Door Handle Antenna
A0131	Activate Copilot Door handle antenna
A0132	Activates the first antenna in the car
A0133	Activates the second antenna in the car
A0134	Activates the third antenna in the car
A0135	Activates the rear bumper antenna
A0136	Detection lamp
A0137	Air Conditioning Clutch
A0138	Ignition activation test
A0139	Injector activation test
A0140	Normally open Throttle activation
A0141	Engine brake activation
A0142	high fan
A0143	low fan
A0144	Air conditioning relay
A0145	Carbon canister purge solenoid valve
A0146	Fuel pump relay
A0147	1-cylinder fuel prohibition
A0148	2-cylinder fuel prohibition
A0149	3-cylinder fuel prohibition
A0150	4-cylinder fuel prohibition
A0151	Upstream oxygen sensor heating
A0152	Downstream oxygen sensor heating
A0153	Throttle Position
A0154	Exhaust gas gate
A0155	VVT intake solenoid valve
A0156	VVT exhaust solenoid valve
A0157	Variable intake manifold switch
A0158	Circulation damper
A0159	IDLE CONTROL
A0160	EGR setpoint
A0161	EGR command
A0162	Main Relay
A0163	Start relay 1
A0164	Start relay 2
A0165	Generator
A0166	Coolant temperature light
A0167	Fuel consumption indicator
A0168	Cruise control ACT light
A0169	Cruise control STB light
A0170	Oil tank indicator
A0171	Cooling fan relay high
A0172	Cooling fan relay Low
A0173	Air Conditioner Compressor Relay
A0174	Carbon canister purge solenoid valve
A0175	GS L cylinder 1 intake closed
A0176	GSL cylinder 2 intake closed
A0177	GSL cylinder 3 intake closed
A0178	GSL cylinder 4 intake closed
A0179	wastegate control valve
A0180	cylinder 1 ignition
A0181	cylinder 2 Ignition
A0182	Cylinder 3 ignition
A0183	Cylinder 4 ignition
A0184	IVVT intake spiral coil solenoid valve
A0185	IVVT outlet spiral coil solenoid valve
A0186	Variable intake manifold switching valve
A0187	Recirculate motor
A0188	GEOL idle speed control Request
A0189	EGRV rating
A0190	EGRV command
A0191	GAS cylinder 1 intake closed
A0192	GAS cylinder 2 intake closed
A0193	GAS cylinder 3 intake closed
A0194	GAS cylinder 4 intake closed
A0195	Catalytic efficiency diagnosis
A0196	Knock basic diagnosis
A0197	Knock relative diagnosis
A0198	Reset all adaptive values
A0199	Air temperature adaptation

A0200	Engine calibration roughness adaptation
A0201	Engine calibration speed Adaptive
A0202	Engine Start Stop Adaptive
A0203	Engine Temperature Adaptation
A0204	Intake System Adaptive
A0205	Collision Control Adaptive
A0206	Lambda Control Adaptive
A0207	Throttle Adaptive
A0208	Loss Torque Adaptation
A0209	Vehicle Motion Calibration Adaptive
A0210	Variable Valve Control System Adaptive
A0211	Driver Pedal Adaptation
A0212	AC Adaptation
A0213	Variable Intake Manifold Adaptation
A0214	Diesel engine preheat indicator
A0215	AWD all drive indicator
A0216	4L indicator
A0217	4H Indicator
A0218	Front clutch indication Light
A0219	Airbag indicator
A0220	Seat belt buckle indicator
A0221	Sport mode indicator
A0222	DPF indicator
A0223	HEST indicator
A0224	Fuel water indicator
A0225	Vacuum warning indicator
A0226	Engine flame indicator
A0227	SVS immediate service indicator
A0228	Engine Oil pressure low warning light
A0229	Engine coolant temperature warning light
A0230	Engine emission related fault indicator
A0231	Parking gear indicator
A0232	Reverse gear indicator
A0233	Neutral gear indicator
A0234	Drive position indicator
A0235	Engine anti-theft light
A0236	Low fuel level indication Light
A0237	ESP off indicator
A0238	ABS fault light
A0239	EBD/Parking Brake/Brake level low indicator
A0240	Tire pressure/temperature/air leak warning light
A0241	ATM fault light
A0242	ESP turn on indicator
A0243	Right turn indicator
A0244	Left turn indicator
A0245	Cruise control indicator lamp
A0246	Winter mode indicator
A0247	Combined gear indicator
A0248	Engine tachometer
A0249	Dot lighting
A0250	Dial illumination
A0251	White dot illumination
A0252	Yellow dot illumination
A0253	32-bit binary coded sound activation
A0254	Brake system failure
A0255	Airbag
A0256	Vacuum degree alarm
A0257	Passenger seat belt
A0258	Green PEPS
A0259	Red PEPS
A0260	4H
A0261	4L
A0262	AWD
A0263	Auto
A0264	Front axle clutch
A0265	Cruise
A0266	Transmission faulty
A0267	Steep Descent
A0268	ESP on
A0269	ESP Off
A0270	Snow mode
A0271	Sport mode
A0272	High Exhaust Temperature Lamp
A0273	DPF Lamp
A0274	Air Bag Indicator
A0275	Passenger side airbag disable indicator
A0276	Seat belt warner
A0277	Passenger side airbag activation indicator
A0278	Fault lamp
A0279	Check Light
A0280	Ignition coil A
A0281	Ignition coil B
A0282	injector A
A0283	injector B
A0284	Idle air control Motor (stepping)
A0285	Idle air control motor (speed)
A0286	Idle speed Air Control Motor Reset
A0287	Ignition advance angle
A0288	Tooth learning
A0289	Injector C

A0290	Injector D
A0291	BLM Learning
A0292	Fuel open-loop control
A0293	BLM reset
A0294	Idle catalyst monitoring
A0295	Oxygen sensor response
A0296	Freeze frame mode 1
A0297	Freeze frame mode 2
A0298	Freeze frame mode 3
A0299	Freeze frame mode 4
A0300	Freeze Frame mode 5
A0301	Carbon canister purge valve
A0302	IAC is controlled by step size
A0303	IAC is controlled by speed
A0304	IAC reset
A0305	Close injector
A0306	BLM learn
A0307	BLM Reset
A0308	Fuel evaporation/cleaning valve
A0309	Electronic fuel pump relay
A0310	Low-speed radiator fan
A0311	High speed radiator fan
A0312	Idle Speed Adjustment
A0313	Idle regulator
A0314	Cut off 1# Cylinder
A0315	Cut off 2# Cylinder
A0316	Cut off 3# Cylinder
A0317	Cut off 4# Cylinder
A0318	Spark Advance
A0319	Ignition delay
A0320	Idle Catalyst Monitoring Test
A0321	A/C compressor relay
A0322	Airbag warning light
A0323	PADL light
A0324	Activate collision CAN output
A0325	Activate collision HW output
A0326	Motor enable
A0327	DCDC hard wire enable
A0328	Refrigeration approval
A0329	Heating approval
A0330	Low speed fan enable
A0331	High speed fan enable
A0332	Cooling water pump enable
A0333	Plumbing pump Enable
A0334	Warm air pump delay enable
A0335	Vacuum Pump Enable
A0336	Accelerator Position
A0337	EGR Valve Opening Angle
A0338	TS valve stroke
A0339	Atmospheric pressure
A0340	Read cumulative error auxiliary memory
A0341	Single-cylinder cut off
A0342	Mechanical detection of compression pressure
A0343	Check compression ratio
A0344	Check the idle ride control
A0345	Detecting knock time
A0346	Solenoid valve third ratio test
A0347	Detecting Linnig fan
A0348	Detecting Behr or BorgWarner fan clutch [Vistronilk]
A0349	SCR [selective catalytic reduction] activation of exhaust gas reprocessing system
A0350	Left front input valve
A0351	Left front output valve
A0352	Right front input valve
A0353	Right front output valve
A0354	Left rear input valve
A0355	Left rear output valve
A0356	Right rear input valve
A0357	Right Rear output valve
A0358	Loop control valve 1
A0359	Loop control valve 2
A0360	High voltage switch valve 1
A0361	High voltage switch valve 2
A0362	ESP indicator
A0363	Speed limit disable/enable
A0364	Disable relay valve off
A0365	Carbon canister Control Valve
A0366	DIO Fan 1
A0367	DIO Fan 2
A0368	throttle opening
A0369	Exhaust Turbocharger
A0370	Pressure Relief Valve Control
A0371	Pump Control
A0372	MIL lamp control
A0373	PWM Fan 1
A0374	Air Conditioning Compressor Condition
A0375	Replica Solenoid Valve
A0376	Oil Pump Controller
A0377	Right rear solenoid decompression
A0378	Right rear solenoid valve supercharged
A0379	Left rear solenoid valve decompression

A0380	Left rear solenoid valve boost
A0381	Right front solenoid valve decompression
A0382	right front solenoid valve boost
A0383	left front solenoid valve decompression
A0384	Left front solenoid valve boost
A0385	System relay
A0386	Airbag warning light
A0387	Collision Output is CAN Output
A0388	Seat Belt Hinge
A0389	Airbag warning light
A0390	Air outlet valve of the solenoid valve on the right side of the drive shaft
A0391	Air inlet valve of the solenoid valve on the right side of the drive shaft
A0392	Air Outlet valve of the solenoid valve on the left side of the steering shaft
A0393	Air Intake valve of the solenoid valve on the left side of the steering shaft
A0394	Air outlet valve of the solenoid valve on the right side of the additional shaft
A0395	Air inlet valve of the solenoid valve on the right side of the additional shaft
A0396	Differential
A0397	Retarder
A0398	Air outlet valve of the solenoid valve on the left side of the drive shaft
A0399	Air inlet valve of the solenoid valve on the left side of the drive shaft
A0400	Air outlet valve of the solenoid valve on the right side of the steering shaft
A0401	Air Intake valve for solenoid valve on the right side of the steering shaft
A0402	Air outlet valve of the solenoid valve on the left side of the additional shaft
A0403	Air inlet valve of the solenoid valve on the left side of the additional shaft
A0404	Two-position three-way solenoid valve (ASR/TCV valve) steering shaft
A0405	Two-position three-way solenoid valve drive shaft
A0406	ABS warning light
A0407	ASR/TCV indicator light
A0408	Trailer brake lights
A0409	Intake valve for trailer solenoid valve
A0410	Outlet valve for trailer solenoid valve
A0411	Solenoid valve Ground drive 2
A0412	Relays
A0413	Solenoid valve ground drive 1
A0414	Left steering axle 1
A0415	Right steering axle 1
A0416	Left steering axle 2
A0417	Right steering axle 2
A0418	Left steering axle 3
A0419	Right Steering shaft 3
A0420	TSCI torque limit
A0421	Engine fault indicator lamp
A0422	Vehicle service indicator
A0423	Fuel injection prohibt
A0424	Engine fault indicator light (MIL)
A0425	Carbon Carbon canister control valve
A0426	Cooling fan relay 1
A0427	Cooling fan relay 2
A0428	Vehicle immediately maintenance light (SVS)
A0429	Delayed ignition
A0430	Supercharged engine electronic water pump
A0431	Turbocharger Valve
A0432	Flash VIN
A0433	Software reset
A0434	Left Rear axle solenoid valve
A0435	Center 3/2 solenoid valve
A0436	Right lift shaft solenoid valve
A0437	Right rear axle solenoid valve
A0438	Left lift shaft solenoid valve
A0439	Lift bag solenoid valve
A0440	Left front axle solenoid Valve
A0441	Quick Traction Help Solenoid Valve
A0442	Right Front Shaft Solenoid Valve
A0443	Lift Shaft Up Solenoid Valve
A0444	Lift Shaft Drop Solenoid Valve
A0445	Lateral Throttle Solenoid Valve
A0446	Front Center 3/2 Solenoid Valve
A0447	Parking solenoid valve
A0448	Lifting shaft 2 rising solenoid valve
A0449	Lifting shaft 2 lowering solenoid valve
A0450	Connecting valve
A0451	Valve relay
A0452	Warning Lights
A0453	Lifting shaft position/Grab light
A0454	Traction help/power mode indicator
A0455	Pump relay
A0456	Cooling fan 1 switch
A0457	Cooling fan 2 switch
A0458	Evaporator purge valve
A0459	EGR duty cycle
A0460	Idle actuator stepper motor
A0461	Injector of cylinder 1
A0462	Injector of cylinder 2
A0463	Injector of cylinder 3
A0464	Injector of cylinder 4
A0465	Forced gear test
A0466	Clutch engagement degree
A0467	Clutch self-learning
A0468	Clutch half engagement point Learning
A0469	Set clutch default characteristic curve

A0470	Reset clutch load configuration
A0471	New clutch installation learning
A0472	Old clutch installation learning
A0473	Recalculate rolling radius parameters
A0474	Initial absolute clutch Position
A0475	Clutch disengagement test
A0476	Check pressure supply
A0477	Ramp sensor self-learning
A0478	Force default initial absolute clutch
A0479	Leak test
A0480	ESP On (ESP Operation/Fault)
A0481	Rear-view mirror heating
A0482	Low air pressure
A0483	The door is not closed
A0484	Brake liquid level low
A0485	Barometer 1
A0486	Barometer 2
A0487	Low beam
A0488	Transmission oil temperature high
A0489	Engine non-emission related fault
A0490	Brake lamp wire cut-off warning light red
A0491	AEBS light
A0492	Driver warning system light yellow
A0493	Right LDWS fault light yellow
A0494	Connect the fast charge positive relay
A0495	Disconnect the fast charge positive relay
A0496	Connect the fast charge negative relay
A0497	Disconnect the fast charge negative relay
A0498	Connect the negative relay
A0499	Disconnect the negative relay
A0500	Connect the positive relay
A0501	Disconnect the positive relay
A0502	Connect the pre-charge relay
A0503	Disconnect the pre-charge relay
A0504	Connect the heating relay
A0505	Disconnect the heating relay
A0506	Clear DTCs
A0507	Cooling fan low-speed fan switch
A0508	Cooling fan high-speed fan switch
A0509	Relay oil pump
A0510	DMTL solenoid valve
A0511	DMTL pump engine
A0512	Air conditioning compressor test
A0513	Turbocharger testing
A0514	EGR valve test
A0515	MeUn test
A0516	Throttle test
A0517	EGR bypass valve
A0518	Rail pressure target value
A0519	EGR valve self-learning test
A0520	Throttle valve self-learning test
A0521	Fuel filter heating test
A0522	Low speed fan test
A0523	Close MeUn test
A0524	Collision output
A0525	Non-emission related faults (SYS)
A0526	High temperature exhaust temperature lamp
A0527	Position lamp (small lamp)
A0528	EBD
A0529	LED lighting
A0530	Low-speed fan relay control
A0531	High-speed fan relay control
A0532	Air conditioning compressor relay control
A0533	Carbon Carbon canister desorption valve control
A0534	Oil pump relay control
A0535	Intake VVT control valve control
A0536	Outtake VVT control valve control
A0537	Rear oxygen sensor 1 heating control
A0538	Front oxygen sensor 1 heating control
A0539	Rear oxygen sensor 2 heating control
A0540	Front oxygen sensor 2 heating control
A0541	Throttle position control
A0542	Exhaust valve control
A0543	Oil pump controller control
A0544	Main relay control
A0545	Generator output voltage setting value
A0546	High pressure pump control valve control
A0547	Starter motor control
A0548	Starter relay 1 control
A0549	Starter relay 2 control
A0550	Vacuum pump control
A0551	Auxiliary electronic water pump control
A0552	Continuously variable oil pump control
A0553	Shift solenoid valve S1
A0554	Shift solenoid valve S2
A0555	C1 solenoid valve current
A0556	C2 Solenoid valve current
A0557	C3 Solenoid valve current
A0558	B1 Solenoid valve current
A0559	Pressure Control Solenoid Current



A0560	Locking solenoid valve current
A0561	Electronic MOP
A0562	COOLING FAN RELAY 1
A0563	COOLING FAN RELAY 2
A0564	Vehicle immediately maintenance indicator
A0565	Idle speed control
A0566	Reset ECU self-learning value
A0567	Reset long-term fuel self-learning adjustment
A0568	Lock the throttle position valve
A0569	Lock delayed ignition angle
A0570	Activate driver-level diagnostics
A0571	Ignition coil
A0572	Activate compression check
A0573	Learn the mechanical and electrical position of the electronic throttle
A0574	Step motor Position set
A0575	Step motor actuator test
A0576	Vehicle Immediate Maintenance Indicator (SVS)
A0577	L/R solenoid valve
A0578	UD solenoid valve
A0579	2ND solenoid valve
A0580	OD solenoid valve
A0581	Lock solenoid
A0582	Valve control test
A0583	Pump control test
A0584	Temporary speed value
A0585	Fan approval
A0586	Cooling fan enable
A0587	DCDC Enable
A0588	Reversing light enable
A0589	Heater water pump delayed enable (reserved)
A0590	Battery temperature is too high level 1
A0591	Battery temperature is too high level 2
A0592	Battery temperature is too high level 3
A0593	Battery temperature is too high level 4 (reserved)
A0594	Battery temperature is too high level 1
A0595	Battery temperature is too high level 2
A0596	Battery temperature is too high level 3
A0597	Battery temperature is too high level 4 (reserved)
A0598	Traction electric drive over temperature fault level 1
A0599	Traction electric drive over temperature fault level 2
A0600	Traction electric drive over-temperature fault level 3
A0601	Traction motor drive over-temperature fault level 4 (reserved)
A0602	Traction motor over temperature fault level 1
A0603	Traction motor over temperature fault level 2
A0604	Traction motor over-temperature fault level 3 (reserved)
A0605	Traction motor over-temperature fault level 4 (reserved)
A0606	ACC relay output
A0607	IGN1 relay output
A0608	IGN2 relay output
A0609	ST relay
A0610	ESCL power output
A0611	ESCL enable output
A0612	ESCL ground output
A0613	SSB white LED light
A0614	SSB green LED light
A0615	SSB amber LED light
A0616	Right front solenoid valve
A0617	Left front solenoid valve
A0618	Left rear solenoid valve
A0619	Right rear solenoid valve
A0620	Left front, left, left rear turn signals
A0621	Right front, right, right rear turn signals
A0622	Danger alarm work indicator
A0623	Wiper Power (Low Speed) Relay
A0624	Wiper high speed relay
A0625	Brake Lamp
A0626	Reversing light
A0627	Ambient light B (reserved)
A0628	Ambient light R (reserved)
A0629	Wiper washer motor direct drive
A0630	Trailer left turn signal (reserved)
A0631	small light relay
A0632	Trailer right turn signal (reserved)
A0633	Left rear window up (reserved)
A0634	Left rear window down (reserved)
A0635	Right rear window down (reserved)
A0636	Right rear window up (reserved)
A0637	Seat motor B relay (reserved)
A0638	Reserved low-side drive input 1 (reserved)
A0639	Reserved low-side drive input 2 (reserved)
A0640	Front Fog Lamp Relay
A0641	High beam relay
A0642	Horn relay output
A0643	Seat motor A relay (reserved)
A0644	Rear view mirror heating relay
A0645	low beam relay
A0646	left turn signal
A0647	Driver's side window motor lowered
A0648	Driver's side window motor up
A0649	(Front) Central locking lock

A0650	(Front) Central locking unlocking
A0651	right turn signal
A0652	Passenger side window motor up
A0653	Passenger side window motor lowered
A0654	Trailer brake light (reserved)
A0655	Ambient light G (reserved)
A0656	Hydraulic pump exhaust
A0657	Transmission exhaust
A0658	Clutch Exhaust
A0659	Transmission Adaptive
A0660	Shifting
A0661	Valve actuation
A0662	Clutch Position Test
A0663	Acceleration Clutch Adaptive
A0664	New Clutch Contact Learning
A0665	Clutch default characteristic curve
A0666	New clutch installation
A0667	Friction plate thickness
A0668	Recalculation of vehicle speed and output speed parameters
A0669	Accumulator evacuation
A0670	Pressure accumulator charging
A0671	Clutch exhaust in fast mode
A0672	Clutch initial absolute position reset
A0673	Forced initial clutch position initialization
A0674	Front fog light relay (reserved)
A0675	S1 solenoid valve
A0676	S2 solenoid valve
A0677	S3 solenoid valve
A0678	S4 solenoid valve
A0679	SR solenoid valve
A0680	SL1 solenoid valve
A0681	SL2 solenoid valve
A0682	SLU solenoid valve
A0683	Transmission oil over temperature indicator
A0684	SLT solenoid valve
A0685	Hardware Reset
A0686	Left Rear window
A0687	Right Rear Window
A0688	Rear door lock
A0689	Key light
A0690	Rear view Mirror folding
A0691	Right turn signal 42W 1.5W
A0692	Left turn signal 42W 1.5W
A0693	Left low/high beam (external relay)
A0694	Right low/high beam (external relay)
A0695	Front position lamp 5W 5W
A0696	Rear position lamp 6.5W 6.5W
A0697	Brake lamp 21W*2
A0698	Rearview mirror heating 60W
A0699	Daytime running light 4W*2
A0700	Reversing light 2*21W
A0701	Instrument lighting 3A
A0702	Door lock
A0703	License plate light 10W
A0704	Rear fog light 2*5W
A0705	Door Unlock
A0706	Driver door unlock
A0707	Front washer fluid pump (direct drive)
A0708	Dome lamp control PWM (LSD)
A0709	Sport Mode Indicator(AT)
A0710	EPB switch indicator
A0711	Four-wheel drive SW-4L indicator
A0712	Radar prohibit switch indicator
A0713	Four-wheel drive switch indicator light
A0714	Danger switch indicator light
A0715	Left Front window raised
A0716	Left Front window lowered
A0717	Battery power saving (at least 30W)
A0718	PEPS:ESCL PWR (12V power)
A0719	PEPS: SSB backlight (low drive)
A0720	Front wiper low-speed relay (external relay)
A0721	Horn (external relay)
A0722	Ambient Light-B
A0723	PEPS: PDU ACC
A0724	PEPS: PDU IGN2
A0725	PEPS: SSB LED2 (low drive)
A0726	High beam auxiliary relay (external relay)
A0727	PEPS: PDU IGN1
A0728	Front fog lamp ( External relay)
A0729	PEPS: SSB LED1 (low drive)
A0730	Front wiper high-speed relay (external relay)
A0731	Welcome light (Fukuda logo) 1.8W*2
A0732	High brake light 3.5W
A0733	Rear left window up
A0734	Front right window down
A0735	Rear left window down
A0736	Right rear window raised
A0737	Right rear window Lower
A0738	Right front window rise
A0739	Ambient Light-R

A0740	Ambient Light-G
A0741	360 working indicator light
A0742	Electronic mode indicator light
A0743	4WD SW-4H Indicator
A0744	PEPS: ESCL GND
A0745	EPB fault light
A0746	gearbox light
A0747	downhill yellow light
A0748	ESC fault light
A0749	brake system light
A0750	auto-hold light
A0751	EPB light
A0752	main switch light
A0753	Automatic high beam light
A0754	Driver warning light
A0755	Preheat lamp
A0756	Engine Oil pressure light
A0757	Engine fault lamp
A0758	Downhill green light
A0759	PEPS light
A0760	ESCL light
A0761	Seat belt light
A0762	SRS light
A0763	ESCOFF light
A0764	Instrument control
A0765	Motor (pump)
A0766	Left front wheel valve (booster valve)
A0767	Right front wheel valve (booster valve)
A0768	Left rear wheel valve (booster valve)
A0769	Right rear wheel valve (booster valve)
A0770	Left front wheel valve (pressure reducing valve)
A0771	Right front wheel valve (pressure reducing valve)
A0772	Left rear wheel valve (pressure reducing valve)
A0773	Right rear wheel valve (pressure reducing valve)
A0774	Prohibit speed limit
A0775	D-gear LED
A0776	N-shift LED
A0777	R-gear LED
A0778	P-LED
A0779	DCDC activation
A0780	PTC control
A0781	Heating water pump
A0782	Air conditioning and refrigeration approval
A0783	Heating approval
A0784	Air conditioning fan
A0785	Cooling fan (low-speed fan)
A0786	MCU activation
A0787	Heating water pump Delay
A0788	Static output limiting function
A0789	ABS pressure adjustment adaptation
A0790	Hydraulic solenoid control
A0791	Hub mode control
A0792	Ignition coil 1 drive
A0793	Ignition coil 2 drive
A0794	Ignition coil 3 drive
A0795	Ignition coil 4 drive
A0796	Ignition coil 5 drive
A0797	Ignition coil 6 drive
A0798	Water temperature indicator light control
A0799	Frame Control's Engine Shutdown Button Control
A0800	Frame Control's Engine Start Button Control
A0801	Engine brake valve 1 drive
A0802	Low pressure fuel shut-off valve drive (pressure reducer)
A0803	High Pressure Fuel Shutoff Valve Actuation (Gas Tank)
A0804	Remote throttle outrigger switch control
A0805	Remote Throttle Activation Switch Control
A0806	Electronic throttle position self-learning function
A0807	Air conditioner relay driver
A0808	Cruise control button actuation (OFF)
A0809	Cruise Control Button Actuation (RESUME)
A0810	Cruise Control Button Actuation (MINUS)
A0811	Cruise control button actuation (PLUS)
A0812	Engine brake idle speed pre-control request switch control
A0813	Engine brake pre-control request switch control
A0814	Engine brake request switch control
A0815	SVS light control
A0816	Fan Control Relay 1
A0817	Fan Control Relay 2
A0818	Oil pressure indicator light control
A0819	Starter relay drive
A0820	Speed limit indicator light control
A0821	Engine brake valve 2 actuation
A0822	Speed limit function
A0823	Surge Valve Control
A0824	Idle speed setting function
A0825	Remote Throttle Setpoint Control
A0826	EGR valve drive
A0827	Exhaust brake valve drive
A0828	Fan solenoid valve drive
A0829	Electric Throttle Actuation

A0830	PTO set point control
A0831	Exhaust bypass valve drive duty cycle
A0832	nozzle drive
A0833	Active Test
A0834	Hydraulic Pump Command
A0835	Shift valve target current
A0836	Dual valve target current
A0837	Odd valve target current
A0838	Clutch valve target current
A0839	SSB background light
A0840	SSB LED1 green light
A0841	SSB LED2 yellow light
A0842	ACC relay
A0843	IGN1 relay
A0844	IGN2 relay
A0845	Supercharger control valve test
A0846	Supercharger control valve self-learning test
A0847	OBD lamp test
A0848	Speed input test
A0849	Intake Throttle Test
A0850	Rail pressure substitute target value test
A0851	Exhaust brake valve relay test
A0852	MeUn current set point test
A0853	Cylinder cut off Test
A0854	Glow plug control test
A0855	Fast Charge Positive Relay
A0856	Fast Charge Negative Relay
A0857	negative relay
A0858	positive relay
A0859	Precharge relay
A0860	Heating relay
A0861	Hydraulic oil pump switch control
A0862	Driver's seat belt buckle switch
A0863	Passenger seat belt buckle switch
A0864	Collision signal output
A0865	Airbag indicator light/EDR indicator light
A0866	Non-emission related faults (SVS)