

| DONGFENG V14.02 Function List   |   |                 |                  |           |   |  |
|---|---|-----------------|------------------|-----------|---|--|
| Note:   |   |                 |                  |           |   |  |
| ✓   | Functions marked with ✓ is fully supported. |                 |                  |           |   |  |
| System  | ECU Info                                    | Read Fault Code | Clear Fault Code | Live Data | Active Test   | Special Func   |
| DFCV\Dongfeng Flagship\Quick Test   | ✓   | ✓               | ✓                |           |   |  |
| DFCV\Dongfeng Flagship\Engine Management System (EMS)\Cummins engine system (J1939 protocol)  | ✓   | ✓               | ✓                | ✓         | Please refer to CUMMINS Function List                                       |  |
| DFCV\Dongfeng Flagship\Engine Management System (EMS)\Engine DCI China IV EDC17   | ✓   | ✓               | ✓                | ✓         | Please refer to BOSCH Function List   |  |
| DFCV\Dongfeng Flagship\Engine Management System (EMS)\Dongfeng Fengshen EQH160-40/52 Engine Denso System (China IV/V)   | ✓   | ✓               | ✓                | ✓         | Please refer to DONGFENGFENGSHEN Function List                              |  |
| DFCV\Dongfeng Flagship\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 System China V (non-Cummins Engine)    | ✓   | ✓               | ✓                | ✓         | Please refer to SCR Function List   |  |
| DFCV\Dongfeng Flagship\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 System China IV/V (non-Cummins Engine) | ✓   | ✓               | ✓                | ✓         | Please refer to SCR Function List   |  |
| DFCV\Dongfeng Flagship\Exhaust Aftertreatment System (SCR)\Dinex Exhaust Aftertreatment A2CU China VI   | ✓   | ✓               | ✓                | ✓         | Please refer to SCR Function List   |  |
| DFCV\Dongfeng Flagship\Exhaust Aftertreatment System (SCR)\Dinex Exhaust Aftertreatment ACU China IV/China V  | ✓   | ✓               | ✓                | ✓         | Please refer to SCR Function List   |  |
| DFCV\Dongfeng Flagship\Exhaust Aftertreatment System (SCR)\Dinex Exhaust Aftertreatment Ebox  | ✓   | ✓               | ✓                | ✓         | Please refer to SCR Function List   |  |
| DFCV\Dongfeng Flagship\Exhaust Aftertreatment System (SCR)\Dinex Exhaust Aftertreatment (DDi13 China V)   | ✓   | ✓               | ✓                | ✓         | Please refer to SCR Function List   |  |
| DFCV\Dongfeng Flagship\Anti-lock Braking System (ABS)\WABCO ABS_K12 Version   | ✓   | ✓               | ✓                | ✓         | Please refer to ABS Function List   |  |
| DFCV\Dongfeng Flagship\Anti-lock Braking System (ABS)\WABCO ABS (CAN)   | ✓   | ✓               | ✓                | ✓         | A0096, A0097, A0098   | S0159, S0160, S0161, S0162   |
| DFCV\Dongfeng Flagship\Anti-lock Braking System (ABS)\Knorr ABS (KWP)   | ✓   | ✓               | ✓                | ✓         | Please refer to ABS Function List   |  |
| DFCV\Dongfeng Flagship\Anti-lock Braking System (ABS)\Knorr ABS (CAN)   | ✓   | ✓               | ✓                | ✓         | Please refer to ABS Function List   |  |
| DFCV\Dongfeng Flagship\Anti-lock Braking System (ABS)\Haldex ABS  | ✓   | ✓               | ✓                | ✓         | A0013, A0014, A0015, A0016, A0017, A0018, A0019, A0020, A0021, A0022, A0023 |  |
| DFCV\Dongfeng Flagship\Body Control Module (BCM)\Body BCM I   | ✓   | ✓               | ✓                | ✓         | Please refer to CBCU Function List  |  |
| DFCV\Dongfeng Flagship\Body Control Module (BCM)\Body BCM II  | ✓   | ✓               | ✓                | ✓         | A0024, A0025, A0026, A0027, A0028, A0029, A0030, A0031                      | S0050, S0051   |
| DFCV\Dongfeng Flagship\Door Control Module (DCM)\Door DCM   | ✓   | ✓               | ✓                | ✓         | A0039, A0040, A0041, A0042  | S0053  |
| DFCV\Dongfeng Flagship\Door Control Module (DCM)\Right Door RDCM  | ✓   | ✓               | ✓                | ✓         | A0032, A0033, A0034, A0035, A0036, A0037, A0038                             | S0052  |
| DFCV\Dongfeng Flagship\Door Control Module (DCM)\Left Door LDCM   | ✓   | ✓               | ✓                | ✓         | A0043, A0044, A0045, A0046, A0047, A0048, A0049, A0050                      | S0052  |
| DFCV\Dongfeng Flagship\Vehicle Control Unit (VCU)\Vehicle Controller VECU II  | ✓   | ✓               | ✓                | ✓         | Please refer to CBCU Function List  |  |
| DFCV\Dongfeng Flagship\Vehicle Control Unit (VCU)\Vehicle Controller VECU III   | ✓   | ✓               | ✓                | ✓         | Please refer to CBCU Function List  |  |
| DFCV\Dongfeng Flagship\Instrument Control Module (ICM)\Instrument System IC   | ✓   |                 |                  | ✓         |   | S0049  |
| DFCV\Dongfeng Flagship\Electronic Brake System (EBS)\WABCO EBS1   | ✓   | ✓               | ✓                | ✓         |   | S0054, S0055   |
| DFCV\Dongfeng Flagship\Electronic Brake System (EBS)\WABCO EBS3   | ✓   | ✓               | ✓                |           |   |  |
| DFCV\Dongfeng Flagship\Electronically Controlled Air Suspension (ECAS)\WABCO ECAS   | ✓   | ✓               | ✓                | ✓         | Please refer to FAW Function List   |  |
| DFCV\Dongfeng Flagship\Retarder Control System (RCS)\Retarder ZF I  | ✓   | ✓               | ✓                | ✓         |   |  |
| DFCV\Dongfeng Flagship\Retarder Control System (RCS)\Retarder ZF II   | ✓   | ✓               | ✓                | ✓         | A0092, A0093  |  |
| DFCV\Dongfeng Flagship\Retarder Control System (RCS)\Retarder VOITH   | ✓   | ✓               | ✓                | ✓         |   |  |
| DFCV\Dongfeng Flagship\Shift Control Unit (SCU)\Gear Shift SCU I  | ✓   | ✓               | ✓                | ✓         | A0094, A0095  |  |
| DFCV\Dongfeng Flagship\Shift Control Unit (SCU)\Gear Shift SCU II   | ✓   | ✓               | ✓                | ✓         |   |  |
| DFCV\Dongfeng Flagship\Bodywork controller (BBM)\Bodywork BBM   | ✓   | ✓               | ✓                | ✓         |   | S0044, S0045, S0046, S0047, S0048  |
| DFCV\Dongfeng Flagship\Automatic Mechanical Transmission (AMT)\Automatic Transmission ZF AMT I  | ✓   | ✓               | ✓                | ✓         |   |  |
| DFCV\Dongfeng Flagship\Automatic Mechanical Transmission (AMT)\Automatic Transmission ZF AMT II   | ✓   | ✓               | ✓                | ✓         |   | S0034, S0035, S0036, S0037, S0038, S0039, S0040, S0041, S0017, S0018, S0019, S0020, S0021, S0022, S0023, S0024, S0025, S0026, S0027, S0028, S0029, |
| DFCV\Dongfeng Flagship\Automatic Mechanical Transmission (AMT)\Automatic Transmission Dongfeng AMT  | ✓   | ✓               | ✓                | ✓         |   | S0001, S0002, S0003, S0004, S0005, S0006, S0007, S0008, S0009, S0010, S0011, S0012, S0013, S0014, S0015, S0016, S0017, S0018, S0019, S0020, S0021, |
| DFCV\Dongfeng Flagship\Lane Departure Warning System (LDWS)\Lane Departure Warning System (LDWS) Blind Spot Detection (BSD)   | ✓   | ✓               | ✓                |           |   |  |
| DFCV\Dongfeng Flagship\Automatic Emergency Braking System (AEBS)\Knorr AEBS radar   | ✓   | ✓               | ✓                | ✓         |   |  |
| DFCV\Dongfeng Flagship\Automatic Emergency Braking System (AEBS)\Knorr AEBS camera  | ✓   | ✓               | ✓                | ✓         |   |  |
| DFCV\Dongfeng Flagship\T-BOX/TCU  | ✓   | ✓               | ✓                |           |   | S0151, S0152, S0153, S0154, S0155, S0156, S0157, S0158   |
| DFCV\Dongfeng Flagship\Tire Pressure Monitoring System (TPMS) - 63 Factory  | ✓   | ✓               | ✓                |           |   |  |

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| DFCV\Dongfeng Tianlong\Quick Test  | ✓ | ✓ | ✓ |   |   |  |
| DFCV\Dongfeng Tianlong\Engine Management System (EMS)\Cummins engine system (J1939 protocol)   | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List                         |  |
| DFCV\Dongfeng Tianlong\Engine Management System (EMS)\Engine DCI EDC7  | ✓ | ✓ | ✓ | ✓ | A0070, A0079, A0080, A0081                                    | S0147, S0148, S0136, S0137, S0149  |
| DFCV\Dongfeng Tianlong\Engine Management System (EMS)\Engine DCI China IV EDC17  | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List                           |  |
| DFCV\Dongfeng Tianlong\Engine Management System (EMS)\Engine X7 China VI MD1CE108 P1892  | ✓ | ✓ | ✓ | ✓ |   | S0116, S0117, S0118, S0119, S0120, S0121, S0122, S0123   |
| DFCV\Dongfeng Tianlong\Engine Management System (EMS)\Engine X7 China IV EDC17   | ✓ | ✓ | ✓ | ✓ | A0072, A0073, A0074, A0075, A0076                             | S0106, S0135, S0136, S0137, S0138, S0114, S0139, S0140, S0141  |
| DFCV\Dongfeng Tianlong\Engine Management System (EMS)\Engine Dongfeng MDG1   | ✓ | ✓ | ✓ | ✓ | A0068, A0069, A0070, A0071                                    | S0114, S0115   |
| DFCV\Dongfeng Tianlong\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 System China V (non-Cummins Engine)       | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 System China IV/V (non-Cummins Engine)    | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong\Exhaust Aftertreatment System (SCR)\AdBlue DCU\AdBlue Exhaust Aftertreatment Diagnosis (Dongfeng)   | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong\Exhaust Aftertreatment System (SCR)\AdBlue DCU\AdBlue Pump Test   | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong\Exhaust Aftertreatment System (SCR)\Dinex Aftertreatment(SCR)\Dinex Exhaust Aftertreatment A2CU China VI  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong\Exhaust Aftertreatment System (SCR)\Dinex Aftertreatment(SCR)\Dinex Exhaust Aftertreatment ACU China IV/China V   | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong\Exhaust Aftertreatment System (SCR)\Dinex Aftertreatment(SCR)\Dinex Exhaust Aftertreatment Ebox   | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong\Exhaust Aftertreatment System (SCR)\Dongfeng Autonomous Exhaust Aftertreatment ACM2 (with Weifu AdBlue pump)  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong\Door Control Module (DCM)\Door DCM  | ✓ | ✓ | ✓ | ✓ | A0039, A0040, A0041, A0042                                    | S0053  |
| DFCV\Dongfeng Tianlong\Vehicle Control Unit (VCU)\Vehicle Controller VECU I\Vehicle Controller VECU I (K)  | ✓ | ✓ | ✓ | ✓ | Please refer to CBCU Function List                            |  |
| DFCV\Dongfeng Tianlong\Vehicle Control Unit (VCU)\Vehicle Controller VECU I\Vehicle Controller VECU I (K)  | ✓ | ✓ | ✓ | ✓ | Please refer to CBCU Function List                            |  |
| DFCV\Dongfeng Tianlong\Vehicle Control Unit (VCU)\Vehicle Controller VECU I\Vehicle Controller VECU I (CAN)  | ✓ | ✓ | ✓ | ✓ | Please refer to CBCU Function List                            |  |
| DFCV\Dongfeng Tianlong\Vehicle Control Unit (VCU)\Vehicle Controller VECU II   | ✓ | ✓ | ✓ | ✓ | Please refer to CBCU Function List                            |  |
| DFCV\Dongfeng Tianlong\Instrument Control Module (ICM)\Instrument System   | ✓ | ✓ | ✓ | ✓ | A0083, A0084, A0085, A0086, A0087, A0088, A0089, A0090, A0091 |  |
| DFCV\Dongfeng Tianlong\Electronically Controlled Air Suspension (ECAS)\SORL ECAS   | ✓ | ✓ | ✓ | ✓ |   | S0061, S0062   |
| DFCV\Dongfeng Tianlong\Retarder Control System (RCS)\Retarder Fast   | ✓ | ✓ | ✓ |   |   |  |
| DFCV\Dongfeng Tianlong\Shift Control Unit (SCU)\Gear Shift SCU II  | ✓ | ✓ | ✓ | ✓ |   |  |
| DFCV\Dongfeng Tianlong\Bodywork controller (BBM)\Bodywork BBM  | ✓ | ✓ | ✓ | ✓ |   | S0044, S0045, S0046, S0047, S0048  |
| DFCV\Dongfeng Tianlong\Automatic Mechanical Transmission (AMT)\Automatic transmission AMT Dongfeng   | ✓ | ✓ | ✓ | ✓ |   | S0001, S0002, S0003, S0004, S0005, S0006, S0007, S0008, S0009, S0010, S0011, S0012, S0013, S0014, S0015, S0016, S0017, S0018, S0019, S0020, S0021, |
| DFCV\Dongfeng Tianlong\Lane Departure Warning System (LDWS)\Lane Departure Warning System (LDWS) Blind Spot Detection (BSD)  | ✓ | ✓ | ✓ |   |   |  |
| DFCV\Dongfeng Tianlong\Electronic Throttle Control System (ETC)\Electronic Throttle ETC  | ✓ | ✓ | ✓ | ✓ | A0082   | S0150  |
| DFCV\Dongfeng Tianlong\T-BOX\TCU   | ✓ | ✓ | ✓ |   |   | S0151, S0152, S0153, S0154, S0155, S0156, S0157, S0158   |
| DFCV\Dongfeng Tianlong\Tire Pressure Monitoring System (TPMS) - 63 Factory   | ✓ | ✓ | ✓ |   |   |  |
| DFCV\Dongfeng Tianlong KL\Quick Test   | ✓ | ✓ | ✓ |   |   |  |
| DFCV\Dongfeng Tianlong KL\Engine Management System (EMS)\Cummins engine system (J1939 protocol)  | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List                         |  |
| DFCV\Dongfeng Tianlong KL\Engine Management System (EMS)\Engine DCI EDC7   | ✓ | ✓ | ✓ | ✓ | A0070, A0079, A0080, A0081                                    | S0147, S0148, S0136, S0137, S0149  |
| DFCV\Dongfeng Tianlong KL\Engine Management System (EMS)\Engine DCI China IV EDC17   | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List                           |  |
| DFCV\Dongfeng Tianlong KL\Engine Management System (EMS)\Engine X7 China VI MD1CE108 P1892   | ✓ | ✓ | ✓ | ✓ |   | S0116, S0117, S0118, S0119, S0120, S0121, S0122, S0123   |
| DFCV\Dongfeng Tianlong KL\Engine Management System (EMS)\Engine Dongfeng MDG1  | ✓ | ✓ | ✓ | ✓ | A0068, A0069, A0070, A0071                                    | S0114, S0115   |
| DFCV\Dongfeng Tianlong KL\Engine Management System (EMS)\Engine DD113 China VI   | ✓ | ✓ | ✓ | ✓ |   | S0063, S0064, S0065, S0066, S0067, S0068, S0069, S0070, S0071, S0072, S0073, S0074, S0075, S0076, S0077, S0078, S0079, S0080, S0081, S0082, S0083, |
| DFCV\Dongfeng Tianlong KL\Engine Management System (EMS)\Engine DD111 China VI MD1CE100 P1809  | ✓ | ✓ | ✓ | ✓ |   | S0124, S0125, S0126, S0127, S0128, S0106, S0129, S0130, S0115, S0131, S0132, S0133, S0134  |
| DFCV\Dongfeng Tianlong KL\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 System China V (non-Cummins Engine)    | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong KL\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 System China IV/V (non-Cummins Engine) | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong KL\Exhaust Aftertreatment System (SCR)\Dinex Aftertreatment(SCR)\Dinex Exhaust Aftertreatment A2CU China VI   | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong KL\Exhaust Aftertreatment System (SCR)\Dinex Aftertreatment(SCR)\Dinex Exhaust Aftertreatment ACU China IV/China V  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |
| DFCV\Dongfeng Tianlong KL\Exhaust Aftertreatment System (SCR)\Dinex Aftertreatment(SCR)\Dinex Exhaust Aftertreatment Ebox (easy to control)  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                             |  |

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| DFCV\Dongfeng Tianlong KL\Exhaust Aftertreatment System (SCR)\Exhaust Aftertreatment DD111 China VI  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                                    |  |
| DFCV\Dongfeng Tianlong KL\Exhaust Aftertreatment System (SCR)\Dongfeng Autonomous Exhaust Aftertreatment ACM2 (with Weifu AdBlue pump)   | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                                    |  |
| DFCV\Dongfeng Tianlong KL\Body Control Module (BCM)\Body BCM II  | ✓ | ✓ | ✓ | ✓ | A0024, A0025, A0026, A0027, A0028, A0029, A0030, A0031               | S0050, S0051   |
| DFCV\Dongfeng Tianlong KL\Body Control Module (BCM)\Body BCM KL  | ✓ | ✓ | ✓ | ✓ | A0024, A0025, A0026, A0027, A0028, A0031                             | S0050, S0051   |
| DFCV\Dongfeng Tianlong KL\Body Control Module (BCM)\Body BCM KR  | ✓ | ✓ | ✓ | ✓ | A0024, A0025, A0026, A0028, A0031                                    | S0050, S0051   |
| DFCV\Dongfeng Tianlong KL\Door Control Module (DCM)\Door DCM   | ✓ | ✓ | ✓ | ✓ | A0039, A0040, A0041, A0042   | S0053  |
| DFCV\Dongfeng Tianlong KL\Vehicle Control Unit (VCU)\Vehicle Controller VECU III   | ✓ | ✓ | ✓ | ✓ | Please refer to CBCU Function List                                   |  |
| DFCV\Dongfeng Tianlong KL\Instrument Control Module (ICM)\Instrument System  | ✓ | ✓ | ✓ | ✓ | A0083, A0084, A0085, A0086, A0087, A0088, A0089, A0090, A0091        |  |
| DFCV\Dongfeng Tianlong KL\Automatic Mechanical Transmission (AMT)\Automatic transmission AMT Dongfeng  | ✓ | ✓ | ✓ | ✓ |  | S0001, S0002, S0003, S0004, S0005, S0006, S0007, S0008, S0009, S0010, S0011, S0012, S0013, S0014, S0015, S0016, S0017, S0018, S0019, S0020, S0021, |
| DFCV\Dongfeng Tianlong KL\Shift Control Unit (SCU)\Gear Shift SCU II   | ✓ | ✓ | ✓ | ✓ |  |  |
| DFCV\Dongfeng Tianlong KL\Retarder Control System (RCS)\Retarder VOITH   | ✓ | ✓ | ✓ | ✓ |  |  |
| DFCV\Dongfeng Tianlong KL\Electronic Throttle Control System (ETC)\Electronic Throttle ETC   | ✓ | ✓ | ✓ | ✓ | A0082  | S0150  |
| DFCV\Dongfeng Tianlong KL\Anti-lock Braking System (ABS)\Knorr ABS (KWP)   | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List                                    |  |
| DFCV\Dongfeng Tianlong KL\Anti-lock Braking System (ABS)\Knorr ABS (CAN)   | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List                                    |  |
| DFCV\Dongfeng Tianlong KL\Electronic Brake System (EBS)\Knorr EBS5   | ✓ | ✓ | ✓ | ✓ | A0051, A0052, A0053, A0054, A0055, A0056, A0057                      | S0056, S0057, S0058, S0059, S0060  |
| DFCV\Dongfeng Tianlong KL\Electronic Level Control System (ELC)\Knorr ELC  | ✓ | ✓ | ✓ | ✓ | A0058, A0059, A0060, A0061, A0062, A0063, A0064, A0065, A0066, A0067 |  |
| DFCV\Dongfeng Tianlong KL\Lane Departure Warning System (LDWS)\Lane Departure Warning System (LDWS) Blind Spot Detection (BSD)   | ✓ | ✓ | ✓ |   |  |  |
| DFCV\Dongfeng Tianlong KL\Bodywork controller (BBM)\Bodywork BBM   | ✓ | ✓ | ✓ | ✓ |  | S0044, S0045, S0046, S0047, S0048  |
| DFCV\Dongfeng Tianlong KL\T-BOX/TCU  | ✓ | ✓ | ✓ |   |  | S0151, S0152, S0153, S0154, S0155, S0156, S0157, S0158   |
| DFCV\Dongfeng Tianlong KL\Tire Pressure Monitoring System (TPMS) - 63 Factory  | ✓ | ✓ | ✓ |   |  |  |
| DFCV\Dongfeng Tianjin\Quick Test   | ✓ | ✓ | ✓ |   |  |  |
| DFCV\Dongfeng Tianjin\Engine Management System (EMS)\Cummins engine system (J1939 protocol)  | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List                                |  |
| DFCV\Dongfeng Tianjin\Engine Management System (EMS)\Engine 4H China IV  | ✓ | ✓ | ✓ | ✓ | A0077, A0078   | S0123, S0142, S0143, S0144, S0145, S0146   |
| DFCV\Dongfeng Tianjin\Engine Management System (EMS)\Engine 4H EDC16   | ✓ | ✓ | ✓ | ✓ | A0070, A0079, A0080  | S0149  |
| DFCV\Dongfeng Tianjin\Engine Management System (EMS)\Engine X7 China VI MD1CE108 P1892   | ✓ | ✓ | ✓ | ✓ |  | S0116, S0117, S0118, S0119, S0120, S0121, S0122, S0123   |
| DFCV\Dongfeng Tianjin\Engine Management System (EMS)\Dongfeng Fengshen EQH160-40/52 Engine Denso System (China IV/V)   | ✓ | ✓ | ✓ | ✓ | Please refer to DONGFENG FENGSHEN Function List                      |  |
| DFCV\Dongfeng Tianjin\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 System China V (non-Cummins Engine)    | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                                    |  |
| DFCV\Dongfeng Tianjin\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 System China IV/V (non-Cummins Engine) | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                                    |  |
| DFCV\Dongfeng Tianjin\Exhaust Aftertreatment System (SCR)\AdBlue DCU\AdBlue Exhaust Aftertreatment Diagnosis (Dongfeng)  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                                    |  |
| DFCV\Dongfeng Tianjin\Exhaust Aftertreatment System (SCR)\AdBlue DCU\AdBlue Pump Test  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                                    |  |
| DFCV\Dongfeng Tianjin\Exhaust Aftertreatment System (SCR)\Dongfeng Autonomous Exhaust Aftertreatment ACM2 (with Weifu AdBlue pump)   | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                                    |  |
| DFCV\Dongfeng Tianjin\Instrument Control Module (ICM)\Instrument System  | ✓ | ✓ | ✓ | ✓ | A0083, A0084, A0085, A0086, A0087, A0088, A0089, A0090, A0091        |  |
| DFCV\Dongfeng Tianjin\Retarder Control System (RCS)\Retarder VOITH   | ✓ | ✓ | ✓ | ✓ |  |  |
| DFCV\Dongfeng Tianjin\Electronic Throttle Control System (ETC)\Electronic Throttle ETC   | ✓ | ✓ | ✓ | ✓ | A0082  | S0150  |
| DFCV\Dongfeng Tianjin\Bodywork controller (BBM)\Bodywork BBM   | ✓ | ✓ | ✓ | ✓ |  | S0044, S0045, S0046, S0047, S0048  |
| DFCV\Dongfeng Tianjin\T-BOX/TCU  | ✓ | ✓ | ✓ |   |  | S0151, S0152, S0153, S0154, S0155, S0156, S0157, S0158   |
| DFCV\Dongfeng Tianjin KR\Quick Test  | ✓ | ✓ | ✓ |   |  |  |
| DFCV\Dongfeng Tianjin KR\Engine Management System (EMS)\Cummins engine system (J1939 protocol)   | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List                                |  |
| DFCV\Dongfeng Tianjin KR\Engine Management System (EMS)\Engine 4H China IV   | ✓ | ✓ | ✓ | ✓ | A0077, A0078   | S0123, S0142, S0143, S0144, S0145, S0146   |
| DFCV\Dongfeng Tianjin KR\Engine Management System (EMS)\Engine X7 China IV EDC17   | ✓ | ✓ | ✓ | ✓ | A0072, A0073, A0074, A0075, A0076                                    | S0106, S0135, S0136, S0137, S0138, S0114, S0139, S0140, S0141  |
| DFCV\Dongfeng Tianjin KR\Engine Management System (EMS)\Engine DD150 EDC17   | ✓ | ✓ | ✓ | ✓ | A0072, A0073, A0074, A0075, A0076                                    | S0106, S0135, S0136, S0137, S0138, S0114, S0139, S0140, S0141  |
| DFCV\Dongfeng Tianjin KR\Engine Management System (EMS)\Engine X7 China VI MD1CE108 P1892  | ✓ | ✓ | ✓ | ✓ |  | S0116, S0117, S0118, S0119, S0120, S0121, S0122, S0123   |
| DFCV\Dongfeng Tianjin KR\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 China V System                      | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List                                    |  |

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|--|---|---|---|---|--|--|
| DFCV\Dongfeng Tianjin KR\Exhaust Aftertreatment System (SCR)\Cummins Exhaust Aftertreatment (SCR) EcoFit\Cummins ACM Exhaust Aftertreatment CM1800 China IV/V System | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List  |  |
| DFCV\Dongfeng Tianjin KR\Exhaust Aftertreatment System (SCR)\Dongfeng Autonomous Exhaust Aftertreatment ACM2 (with Weifu AdBlue pump)                                | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List  |  |
| DFCV\Dongfeng Tianjin KR\Body Control Module (BCM)\Body BCM II   | ✓ | ✓ | ✓ | ✓ | A0024, A0025, A0026, A0027, A0028, A0029, A0030, A0031                             | S0050, S0051   |
| DFCV\Dongfeng Tianjin KR\Body Control Module (BCM)\Body BCM KR   | ✓ | ✓ | ✓ | ✓ | A0024, A0025, A0026, A0028, A0031  | S0050, S0051   |
| DFCV\Dongfeng Tianjin KR\Door Control Module (DCM)\Door DCM  | ✓ | ✓ | ✓ | ✓ | A0039, A0040, A0041, A0042   | S0053  |
| DFCV\Dongfeng Tianjin KR\Instrument Control Module (ICM)\Instrument System   | ✓ | ✓ | ✓ | ✓ | A0083, A0084, A0085, A0086, A0087, A0088, A0089, A0090, A0091                      |  |
| DFCV\Dongfeng Tianjin KR\Anti-lock Braking System (ABS)\Knorr ABS (KWP)  | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List  |  |
| DFCV\Dongfeng Tianjin KR\Anti-lock Braking System (ABS)\Knorr ABS (CAN)  | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List  |  |
| DFCV\Dongfeng Tianjin KR\Bodywork controller (BBM)\Bodywork BBM  | ✓ | ✓ | ✓ | ✓ |  | S0044, S0045, S0046, S0047, S0048                      |
| DFCV\Dongfeng Tianjin KR\T-BOX/TCU   | ✓ | ✓ | ✓ |   |  | S0151, S0152, S0153, S0154, S0155, S0156, S0157, S0158 |
| DFCV\Dongfeng Natural Gas\Delphi EUR III Engine System   | ✓ | ✓ | ✓ | ✓ | Please refer to DONGFENGRENAULT Function List                                      |  |
| DFCV\Dongfeng Natural Gas\Delphi Engine System   | ✓ | ✓ | ✓ | ✓ | Please refer to DONGFENGRENAULT Function List                                      |  |
| DFCV\Dongfeng Natural Gas\Delphi Natural Gas System (LNG and LNG_N)  | ✓ | ✓ | ✓ | ✓ | Please refer to DONGFENGRENAULT Function List                                      |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Pure Electric KZ9A/B/C\Vehicle Controller - E_HCU  | ✓ | ✓ | ✓ | ✓ |  |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Pure Electric KZ9A/B/C\Regenerative Braking - ABS  |   | ✓ | ✓ | ✓ | A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012 |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Pure Electric KZ9D/E/F\Vehicle Controller - E_HCU  | ✓ | ✓ | ✓ | ✓ |  |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Pure Electric KZ9D/E/F\Regenerative Braking - ABS  |   | ✓ | ✓ | ✓ | A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012 |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Pure Electric KZ9L/M/N\Vehicle Controller - E_HCU  | ✓ | ✓ | ✓ | ✓ |  |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Pure Electric KZ9L/M/N\Regenerative Braking - ABS  |   | ✓ | ✓ | ✓ | A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012 |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Hybrid\Hybrid Electric Motor MCU   | ✓ | ✓ | ✓ | ✓ |  |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Hybrid\Hybrid Battery Management System  | ✓ | ✓ | ✓ | ✓ |  |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Pure Electric\Vehicle Controller - HCU   | ✓ | ✓ | ✓ | ✓ |  |  |
| DFCV\Dongfeng Electric Vehicle\Dongfeng Pure Electric\Regenerative Braking - ABS   |   | ✓ | ✓ | ✓ | A0001, A0002, A0003, A0004, A0005, A0006, A0007, A0008, A0009, A0010, A0011, A0012 |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\Yuchai Engine  | ✓ | ✓ | ✓ | ✓ | Please refer to YUCHAI Function List   |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\Weichai Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to WEICHAI Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\Cummins engine system (J1939 protocol)   | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Denso Common Rail Engine\WD615/D10/D12 Denso Common Rail (China III)             | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Denso Common Rail Engine\WD615/D10/D12 Denso Common Rail (China IV)              | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Denso Common Rail Engine\WD615/D10/D12 Denso Common Rail (China New)             | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Denso Common Rail Engine\Denso Diesel Common Rail Engine System                  | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Bosch Common Rail Engine\SINOTRUK/Man Power P1158 EDC17CV44 with AdBlue (UDS)    | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Bosch Common Rail Engine\SINOTRUK/Man Power P1158 EDC17CV44 with AdBlue (CAN)    | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Bosch Common Rail Engine\SINOTRUK/Man Power P1158 EDC17CV44 with AdBlue (K)      | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Bosch Common Rail Engine\Bosch China VI Common Rail Engine                       | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\HCR Common Rail Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Hino P11C Diesel Engine System\Hino P11C (China IV CAN line)                     | ✓ | ✓ | ✓ | ✓ | Please refer to GUANGQI/HINO Function List   |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Hino P11C Diesel Engine System\Hino P11C (China III K line)                      | ✓ | ✓ | ✓ | ✓ | Please refer to GUANGQI/HINO Function List   |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Natural Gas Engine System\EControls (ECL) Natural Gas Engine                     | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Natural Gas Engine System\EControls (ECL) Natural Gas Engine_Old Version         | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Natural Gas Engine System\Bosch Natural Gas Engine                               | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Natural Gas Engine System\SINOTRUK Natural Gas (Econtrols_CAN 3G)                | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Natural Gas Engine System\SINOTRUK Natural Gas (Econtrols_CAN 4G)                | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Natural Gas Engine System\Sinotruk natural gas (Econtrols_CAN 4G)_old version    | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List  |  |

|  |   |   |   |   |  |
|--|---|---|---|---|--|
| Dongfeng Liuzhou Motor\Balong series\Engine Management System (EMS)\SINOTRUK Engine\Natural Gas Engine System\Sinotruk natural gas (Econtrols_CAN 4G)_12L system | ✓ | ✓ | ✓ | ✓ | Please refer to SINOTRUCK Function List        |
| Dongfeng Liuzhou Motor\Balong series\Exhaust Aftertreatment System (SCR)   | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List              |
| Dongfeng Liuzhou Motor\Balong series\Anti-lock Braking System (ABS)  | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List              |
| Dongfeng Liuzhou Motor\Chenglong Series\Engine Management System (EMS)\Yuchai Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to YUCHAI Function List           |
| Dongfeng Liuzhou Motor\Chenglong Series\Engine Management System (EMS)\Weichai Engine  | ✓ | ✓ | ✓ | ✓ | Please refer to WEICHAI Function List          |
| Dongfeng Liuzhou Motor\Chenglong Series\Engine Management System (EMS)\Cummins engine system (J1939 protocol)  | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List          |
| Dongfeng Liuzhou Motor\Chenglong Series\Engine Management System (EMS)\SINOTRUK Engine   | ✓ | ✓ | ✓ |   |  |
| Dongfeng Liuzhou Motor\Chenglong Series\Exhaust Aftertreatment System (SCR)  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List              |
| Dongfeng Liuzhou Motor\Chenglong Series\Anti-lock Braking System (ABS)   | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List              |
| Dongfeng Liuzhou Motor\Longka Series\Engine Management System (EMS)\Yuchai Engine  | ✓ | ✓ | ✓ | ✓ | Please refer to YUCHAI Function List           |
| Dongfeng Liuzhou Motor\Longka Series\Engine Management System (EMS)\Weichai Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to WEICHAI Function List          |
| Dongfeng Liuzhou Motor\Longka Series\Engine Management System (EMS)\Cummins engine system (J1939 protocol)   | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List          |
| Dongfeng Liuzhou Motor\Longka Series\Engine Management System (EMS)\SINOTRUK Engine  | ✓ | ✓ | ✓ |   |  |
| Dongfeng Liuzhou Motor\Longka Series\Exhaust Aftertreatment System (SCR)   | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List              |
| Dongfeng Liuzhou Motor\Longka Series\Anti-lock Braking System (ABS)  | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List              |
| Dongfeng Light Truck\Dongfeng Duolika\Engine Management System (EMS)\Yuchai Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to YUCHAI Function List           |
| Dongfeng Light Truck\Dongfeng Duolika\Engine Management System (EMS)\Chaochai Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to CHAOCHAI Function List         |
| Dongfeng Light Truck\Dongfeng Duolika\Engine Management System (EMS)\Quanchai engine   | ✓ | ✓ | ✓ | ✓ | Please refer to QUANCHAI Function List         |
| Dongfeng Light Truck\Dongfeng Duolika\Engine Management System (EMS)\Cummins engine system (J1939 protocol)  | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List          |
| Dongfeng Light Truck\Dongfeng Duolika\Exhaust Aftertreatment System (SCR)  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List              |
| Dongfeng Light Truck\Dongfeng Duolika\Anti-lock Braking System (ABS)   | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List              |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Yuchai Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to YUCHAI Function List           |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Chaochai Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to CHAOCHAI Function List         |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Cummins engine system (J1939 protocol)  | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List          |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Nissan Engine\Dongfeng Light Engine ZD30D engine (China VI)                                 | ✓ | ✓ | ✓ | ✓ | Please refer to ZHENGZHOUNISSAN Function List  |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Nissan Engine\Dongfeng P1257 EDC17C63 (EDC17C55)  | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List            |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Nissan Engine\Dongfeng Light Engine P1409 EDC17C81+DPF (China V)                            | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List            |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Nissan Engine\Dongfeng Light Engine P1409 EDC17C81+SCR (China V)                            | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List            |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Nissan Engine\Nissan 1409 EDC17C81+DPF (China V)  | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List            |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Nissan Engine\Nissan 1409 EDC17C81+SCR (China V)  | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List            |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Nissan Engine\Dongfeng Light Engine EDC17C63 SCR(ZD30)                                      | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List            |
| Dongfeng Light Truck\Dongfeng Captain\Engine Management System (EMS)\Nissan Engine\Zhengzhou Nissan P1928 EDC17C81   | ✓ | ✓ | ✓ | ✓ | Please refer to BOSCH Function List            |
| Dongfeng Light Truck\Dongfeng Captain\Exhaust Aftertreatment System (SCR)  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List              |
| Dongfeng Light Truck\Dongfeng Captain\Anti-lock Braking System (ABS)   | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List              |
| Dongfeng Light Truck\Dongfeng Passenger\Exhaust Aftertreatment System (SCR)  | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List              |
| Dongfeng Light Truck\Dongfeng Passenger\Anti-lock Braking System (ABS)   | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List              |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Dongfeng Fengshen Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to DONGFENGFENGSHEN Function List |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Dongfeng Renault Engine  | ✓ | ✓ | ✓ | ✓ | Please refer to DONGFENGRENAULT Function List  |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Cummins engine system (J1939 protocol)   | ✓ | ✓ | ✓ | ✓ | Please refer to CUMMINS Function List          |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Nissan Engine  | ✓ | ✓ | ✓ |   |  |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Yuchai Engine  | ✓ | ✓ | ✓ | ✓ | Please refer to YUCHAI Function List           |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Weichai Engine   | ✓ | ✓ | ✓ | ✓ | Please refer to WEICHAI Function List          |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Xichai Engine  | ✓ | ✓ | ✓ | ✓ | Please refer to XICHAI Function List           |

|  |   |   |   |   |  |
|--|---|---|---|---|--|
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Dachai Diesel Engine             | ✓ | ✓ | ✓ | ✓ | Please refer to DACHAI Function List         |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Chaochai Engine                  | ✓ | ✓ | ✓ | ✓ | Please refer to CHAOCHAI Function List       |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Quanchai engine                  | ✓ | ✓ | ✓ | ✓ | Please refer to QUANCHAI Function List       |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Changchai engine                 | ✓ | ✓ | ✓ | ✓ | Please refer to CHANGCHAI Function List      |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Xinchai Engine                   | ✓ | ✓ | ✓ | ✓ | Please refer to XINCHAI Function List        |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Yangchai engine                  | ✓ | ✓ | ✓ | ✓ | Please refer to YANGCHAI Function List       |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Shangchai Engine                 | ✓ | ✓ | ✓ | ✓ | Please refer to SHANGCHAI Function List      |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Liuji Power Engine\LJ465 (Vagon) | ✓ | ✓ | ✓ | ✓ | Please refer to JAC Function List            |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Liuji Power Engine\LJ474 (UAES)  | ✓ | ✓ | ✓ | ✓ | Please refer to JAC Function List            |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Liuji Power Engine\LJ469 (WHLDD) | ✓ | ✓ | ✓ | ✓ | Please refer to JAC Function List            |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Liuji Power Engine\LJ465 (AECS)  | ✓ | ✓ | ✓ | ✓ | Please refer to JAC Function List            |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Liuji Power Engine\LJ469 (AECS)  | ✓ | ✓ | ✓ | ✓ | Please refer to JAC Function List            |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\SINOTRUK Engine                  | ✓ | ✓ | ✓ |   |  |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Xincheng Power Engine            | ✓ | ✓ | ✓ | ✓ | Please refer to XCE Function List            |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Sida Power Engine                | ✓ | ✓ | ✓ | ✓ | Please refer to SIDA Function List           |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Yunnei Power Engine              | ✓ | ✓ | ✓ | ✓ | Please refer to YUNNEIPOWER Function List    |
| Dongfeng Light Truck\Other Types Of Cars\Engine Management System (EMS)\Huayuan Laidong Engine           | ✓ | ✓ | ✓ | ✓ | Please refer to HUAYUANLAIDONG Function List |
| Dongfeng Light Truck\Other Types Of Cars\Exhaust Aftertreatment System (SCR)                             | ✓ | ✓ | ✓ | ✓ | Please refer to SCR Function List            |
| Dongfeng Light Truck\Other Types Of Cars\Anti-lock Braking System (ABS)                                  | ✓ | ✓ | ✓ | ✓ | Please refer to ABS Function List            |

| Special Function Table |   |
|------------------------|---|
| S0001                  | Gear selection actuator solenoid valve S1 is open                             |
| S0002                  | Gear selection actuator solenoid valve S2 is open                             |
| S0003                  | Gear selection actuator solenoid valve S3 is open                             |
| S0004                  | Gear selection actuator solenoid valve S4 is open                             |
| S0005                  | Front auxiliary box actuator solenoid valve S5 is open                        |
| S0006                  | Front auxiliary box actuator solenoid Valve S6 is open                        |
| S0007                  | Rear auxiliary box actuator solenoid valve S7 is open                         |
| S0008                  | Rear auxiliary box actuator solenoid valve S8 is open                         |
| S0009                  | Clutch actuator intake solenoid valve S9 is open                              |
| S0010                  | Clutch actuator intake solenoid valve S10 Open                                |
| S0011                  | Clutch actuator intake solenoid valve S11 is open                             |
| S0012                  | Clutch actuator intake solenoid valve S12 is open                             |
| S0013                  | Gear shift actuator is empty  |
| S0014                  | Clutch self-learning  |
| S0015                  | Acceleration sensor self-learning   |
| S0016                  | Transmission actuator self-learning   |
| S0017                  | Shift test-Neutral  |
| S0018                  | Shift test-1 gear   |
| S0019                  | Shift test-2 gear   |
| S0020                  | Shift test-3 gear   |
| S0021                  | Shift test-4 gear   |
| S0022                  | Shift Test-5 gear   |
| S0023                  | Shift test-6 gear   |
| S0024                  | Shift test-7 gear   |
| S0025                  | Shift test-8 gear   |
| S0026                  | Shift test -9 speed   |
| S0027                  | Shift test -10 speed  |
| S0028                  | Shift Gear test-11 gear   |
| S0029                  | Shift test -12 speed  |
| S0030                  | Shift test-13 speed   |
| S0031                  | Shift test-14 speed   |
| S0032                  | Shift test-Reverse 1 (R1)   |
| S0033                  | Shift test-Reverse 1 (R2)   |
| S0034                  | Accelerating clutch adaptation  |
| S0035                  | Clutch contact point self-learning  |
| S0036                  | New clutch installation   |
| S0037                  | Clutch separation test  |
| S0038                  | Ramp sensor calibration   |
| S0039                  | Recalculate the conversion coefficient between vehicle speed and output speed |
| S0040                  | Test actual air pressure  |
| S0041                  | Shift test-reverse gear (R)   |
| S0042                  | Shift test-15 gears   |
| S0043                  | Shift test-16 gears   |
| S0044                  | Calibration vehicle configuration   |
| S0045                  | Calibration 5th gear speed  |
| S0046                  | Calibration PTO speed limit value   |
| S0047                  | Calibration PTO speed control value   |
| S0048                  | Calibration of PTO parameters   |
| S0049                  | Brake shoe wear replacement   |
| S0050                  | Light inspection test   |
| S0051                  | Actuator Test   |
| S0052                  | Controller test   |
| S0053                  | Actuator function check   |
| S0054                  | Steering angle sensor zero calibration  |
| S0055                  | Steering ratio self-learning  |
| S0056                  | SAS static zero Position calibration  |
| S0057                  | Yaw acceleration sensor calibration   |

|       |  |
|-------|--|
| S0058 | Reset steering angle sensor  |
| S0059 | SAS dynamic zero calibration   |
| S0060 | Rotary hub test mode conversion  |
| S0061 | height Sensor calibration  |
| S0062 | Pressure sensor calibration  |
| S0063 | Park regeneration test   |
| S0064 | DPF value reset  |
| S0065 | DPF Differential Pressure Sensor Reset   |
| S0066 | Throttle self-learning test  |
| S0067 | Throttle Spring Test   |
| S0068 | EGR self-learning test   |
| S0069 | EGR Valve Test   |
| S0070 | SCR efficiency test  |
| S0071 | Continuous regeneration failure count value reset                                    |
| S0072 | SCR catalytic induction value reset  |
| S0073 | SCR catalytic value reset  |
| S0074 | Urea tank heating test   |
| S0075 | Hydrocarbon injection system valve test 1: DDV                                       |
| S0076 | Hydrocarbon injection system valve test 2: FCV                                       |
| S0077 | Hydrocarbon Injection System Valve Test 3: APV                                       |
| S0078 | Urea injection system line heating diagnostic test: Line 1                           |
| S0079 | Urea Injection System Line Heating Diagnostic Test: Line 2                           |
| S0080 | Air Flow Meter Value Reset   |
| S0081 | APS Value Reset  |
| S0082 | Service Monitor Reset  |
| S0083 | Throttle Parameter Reset   |
| S0084 | EGR parameter reset  |
| S0085 | Rail pressure sensor parameter reset   |
| S0086 | Throttle IO test   |
| S0087 | Fan IO test  |
| S0088 | Preheat Plug IO Test   |
| S0089 | Engine Brake 1-IO Test   |
| S0090 | Engine brake 3-IO test   |
| S0091 | Urea tank heating IO test  |
| S0092 | Fuel injector1   |
| S0093 | Fuel injector2   |
| S0094 | Fuel injector3   |
| S0095 | Fuel injector4   |
| S0096 | Fuel injector 5  |
| S0097 | Fuel injector 6  |
| S0098 | Cylinder 1   |
| S0099 | Cylinder 2   |
| S0100 | Cylinder 3   |
| S0101 | Cylinder 4   |
| S0102 | Cylinder 5   |
| S0103 | Cylinder 6   |
| S0104 | Fan test   |
| S0105 | Glow Plug circuit test   |
| S0106 | Compression Test   |
| S0107 | Start relay test   |
| S0108 | Carbon load reset  |
| S0109 | AHI Hydrocarbon Injection Accuracy Test  |
| S0110 | Self-cleaning test   |
| S0111 | Self-learning test   |
| S0112 | Anti-stall Test  |
| S0113 | Spring test  |
| S0114 | Speed comparison test  |
| S0115 | Cylinder cut off Test  |
| S0116 | Pressure relief (PRV) valve reset  |
| S0117 | Reading of diagnostic ready status   |
| S0118 | DPF regeneration   |
| S0119 | DPF carbon load reset (after replacing DPF or EGP)                                   |
| S0120 | Small injection volume test (injection volume 30g (27.5ml) injection rate 100mg/s)   |
| S0121 | Medium injection volume test (injection volume 180g (165mL) injection rate 1000mg/s) |
| S0122 | Leak test  |
| S0123 | Read and write vehicle identification code (VIN)                                     |
| S0124 | Regeneration test  |
| S0125 | Reset after-treatment parameter  |
| S0126 | Reset DPF parameters   |
| S0127 | AHI Diagnostic Test  |
| S0128 | AHI Injection Test   |
| S0129 | Read and write TrimCode  |
| S0130 | Injector click test  |
| S0131 | Common rail fuel system test   |
| S0132 | Engine brake test  |
| S0133 | Reset AHI injector   |
| S0134 | Reset the cylinder balance compensation value  |
| S0135 | High-pressure Test   |
| S0136 | Accelerated Testing  |
| S0137 | Injection shut-off test (cylinder cut off test)                                      |
| S0138 | Start fault information test   |
| S0139 | Maintenance reminder clear   |
| S0140 | PRV valve opening times modification and clearing                                    |
| S0141 | PRV valve opening time modification and clearing                                     |
| S0142 | Read and Write Engine Identification Number (EIN)                                    |
| S0143 | Read and write injector code ( QR)   |
| S0144 | Oil pump Self learning   |
| S0145 | Set PTO speed  |
| S0146 | Modify vehicle speed limit   |
| S0147 | Compression test (Time)  |
| S0148 | Compression test (Speed)   |
| S0149 | Reset PRV valve  |
| S0150 | TVA valve position self-learning   |
| S0151 | Vehicle Configuration - Vehicle Identification Number (VIN)                          |
| S0152 | Vehicle Configuration - Model Platform   |
| S0153 | Vehicle Configuration - Engine Type Platform   |
| S0154 | Vehicle Configuration - Emission Levels  |
| S0155 | Vehicle Configuration - Transmission Make and Type                                   |
| S0156 | Vehicle Configuration - Terminal ID  |
| S0157 | Vehicle Configuration - Terminal SIM Card Number                                     |
| S0158 | Vehicle Configuration - T-BOX and HMI interaction type                               |
| S0159 | SAE J1939 Engine Control   |
| S0160 | ATC Function Off   |
| S0161 | Component reset  |
| S0162 | ESC Request  |

## Active Test Table

|       |   |
|-------|---|
| A0001 | Left front solenoid valve                                 |
| A0002 | Right front solenoid valve                                |
| A0003 | Left rear 1 solenoid valve                                |
| A0004 | Right rear 1 solenoid valve                               |
| A0005 | Left rear 2 solenoid valve                                |
| A0006 | Right rear 2 solenoid valve                               |
| A0007 | Left rear 3 solenoid valve                                |
| A0008 | Right rear 3 solenoid valve                               |
| A0009 | ASR1 valve  |
| A0010 | ASR2 valve  |
| A0011 | ASR3 valve  |
| A0012 | ASR4 valve  |
| A0013 | ABS light status  |
| A0014 | ASR lamp status   |
| A0015 | Retarder relay status                                     |
| A0016 | Front left exhaust solenoid valve                         |
| A0017 | Front left pressure holding solenoid valve                |
| A0018 | Front right exhaust solenoid valve                        |
| A0019 | Front right pressure holding solenoid valve               |
| A0020 | Rear left exhaust solenoid valve                          |
| A0021 | Rear left pressure holding solenoid valve                 |
| A0022 | Rear right exhaust solenoid valve                         |
| A0023 | Rear right pressure holding solenoid valve                |
| A0024 | Front combination lamp test                               |
| A0025 | Turn signal test  |
| A0026 | Rear combination lamp test                                |
| A0027 | Trailer lamp test   |
| A0028 | Wiper washer test   |
| A0029 | Horn test   |
| A0030 | Differential solenoid valve test                          |
| A0031 | Other light and indicator test                            |
| A0032 | Rearview mirror up and down motor Rearview mirror         |
| A0033 | Rearview mirror left and right motor Rearview mirror      |
| A0034 | Rearview mirror heating resistor right                    |
| A0035 | Window lift motor right                                   |
| A0036 | Door switch indicator light right                         |
| A0037 | Step light right  |
| A0038 | Door lock motor right                                     |
| A0039 | Rear-view mirror adjustment motor                         |
| A0040 | Rear-view mirror defrost heater                           |
| A0041 | Door lock motor   |
| A0042 | Door and window motor                                     |
| A0043 | Rearview mirror up and down motor left rearview mirror    |
| A0044 | Rearview mirror left and right motor left rearview mirror |
| A0045 | Window Lifting Motor Left                                 |
| A0046 | Door switch indicator light left                          |
| A0047 | Rearview mirror heating indicator left                    |
| A0048 | Rearview mirror heating resistor left                     |
| A0049 | Door lock motor left                                      |
| A0050 | Step light left   |
| A0051 | 1 axle braking  |
| A0052 | 2 and 3 axles simultaneously braking                      |
| A0053 | Left front wheel brake                                    |
| A0054 | Right front wheel brake                                   |
| A0055 | Left rear wheel brake                                     |
| A0056 | Right rear wheel brake                                    |
| A0057 | Trailer brake valve                                       |
| A0058 | 1st axle left airbag                                      |
| A0059 | 1st axle right airbag                                     |
| A0060 | 2nd axle left airbag                                      |
| A0061 | 2nd axle right airbag                                     |
| A0062 | Second-axle lift airbag                                   |
| A0063 | Three-axle left airbag                                    |
| A0064 | Three-axle lift airbag                                    |
| A0065 | Three-axle right airbag                                   |
| A0066 | Fourth axle left Airbag                                   |
| A0067 | Four-axle right airbag                                    |
| A0068 | AdBlue tank heating solenoid valve test                   |
| A0069 | AdBlue pipe heating solenoid valve test                   |
| A0070 | Air conditioning relay drive test                         |
| A0071 | Exhaust brake solenoid valve test                         |
| A0072 | Air conditioner compressor relay test                     |
| A0073 | Engine speed input test                                   |
| A0074 | OBD light switch test                                     |
| A0075 | Flash code light switch test                              |
| A0076 | Cold start light switch test                              |
| A0077 | Cylinder cut off Test                                     |
| A0078 | Exhaust brake valve test                                  |
| A0079 | Cold start lamp test                                      |
| A0080 | Exhaust brake valve                                       |
| A0081 | Fan signal duty cycle                                     |
| A0082 | TVA valve opening test                                    |
| A0083 | Speedometer special inspection                            |
| A0084 | Tachometer special inspection                             |
| A0085 | Oil temperature meter special inspection                  |
| A0086 | Water temperature meter special inspection                |
| A0087 | LED indicator special inspection                          |
| A0088 | LCD screen special inspection                             |
| A0089 | Instrument buzzer sound check                             |
| A0090 | Brake shoe wear configuration changed to empty            |
| A0091 | Read calibration value                                    |
| A0092 | Proportional solenoid valve 1 test                        |
| A0093 | Proportional solenoid valve 2 test                        |
| A0094 | Neutral start relay                                       |
| A0095 | Reverse gear relay  |
| A0096 | Send Activation   |
| A0097 | Drive Output 1  |
| A0098 | Drive Output 2  |