

## SERIAL PROGRAMMING PROTOCOLS - ECU SUPPORTED (CAR/LCV/BIKES/TRUCK/TRACTOR)

(Release E3/10, since 14/07/2010)

### BIKE/CAR/LCV (COMMERCIAL VEHICLE) ECU APPLICATION LIST

**EACH SERIAL PROTOCOL AUTOMATICALLY DELIVERS THE CHECKSUM MODULES REQUIRED FOR THE TUNING INTERVENTION**

MANUFACTURER/ECU DESCRIPTION	FUEL:	PROTOCOL CODE	SUPPORTED BY	CHECKSUM REC.	VEHICLE CAT.	READING	WRITING
	Gasoline Diesel		NG = New Genius G = Genius NG & G = All	EXX = Algorithm Race Evo = Linear NG/G = New Genius/Genius Console		P = Partial T = Total CF = Not Avail. (Verification for certified stock file by ID)	P = Partial T = Total
<b>BMW</b>							
BOSCH DME7.1 ECUs K-LINE (8 cylinder engines)	Gasoline	FLASH_0033	NG & G	E19	CAR	P	P
BOSCH MV946 (ME9+) ECUs KLINE	Gasoline	FLASH_0110	NG	E94	CAR	T	T
BOSCH MED172/MEV172 ECUs CAN/K-LINE	Gasoline	FLASH_0167	NG	E94	CAR	P	P
BOSCH MED17.46 TC1796 & XROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
SIEMENS MS41 ECUs K-LINE (6 cylinder engines)	Gasoline	FLASH_0002	NG & G	E20	CAR	P	P
SIEMENS MS42 ECUs K-LINE (6 cylinder engines)	Gasoline	FLASH_0003	NG & G	E04	CAR	P	P
SIEMENS MS43 ECUs K-LINE (6 cylinder engines)	Gasoline	FLASH_0004	NG & G	E18	CAR	P	P
SIEMENS MS45 ECUs K-LINE (6 cylinder engines)	Gasoline	FLASH_0115	NG	E77	CAR	T	T
SIEMENS MSS52/MSS54/MSS54HP ECUs K-LINE (M-series engines)	Gasoline	FLASH_0063	NG & G	E23	CAR	P	P
SIEMENS MSS60/MSS65 ECUs CAN/K-LINE (M-series engines)	Gasoline	FLASH_0165	NG & G	E86	CAR	T	T
SIEMENS MSV70/MSS70 ECUs K-LINE	Gasoline	FLASH_0128	NG	E78	CAR	T	T
SIEMENS MSV80/MSD80/MSD81/MSD85 ECUs CAN/K-LINE	Gasoline	FLASH_0162	NG & G	E98 + NG/G	CAR	T	T
BOSCH DDE3.0 ECUs K-LINE (VP36/VP44 radial pumps)	Diesel	FLASH_0027	NG & G	E01	CAR	P	P
BOSCH DDE4.0 EC15 ECUs K-LINE (common rail engines)	Diesel	FLASH_0005	NG & G	E03	CAR	P	P
BOSCH EDC16 C31 ECUs K-LINE (common rail engines)	Diesel	FLASH_0050	NG & G	E52	CAR	P	P
BOSCH EDC16+C35 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0064	NG & G	E67	CAR	P	P
BOSCH EDC17 CP02/C06 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0180	NG	E94 + NG	CAR	P	P
BOSCH EDC17 CP02 TC1766 IROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR/LCV	P/T	P/T
BOSCH EDC17 CP09 TC1796 & XROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR/LCV	P/T	P/T
<b>CHRYSLER/JEEP/DODGE</b>							
BOSCH ME2.7/ME2.8 ECUs K-LINE	Gasoline	FLASH_0041	NG & G	E16	CAR	CF	T
BOSCH EDC15 C2 ECUs K-LINE (common rail engines)	Diesel	FLASH_0019	NG & G	E39	CAR	T	T
BOSCH EDC16 C/C2 ECUs K-LINE (common rail engines)	Diesel	FLASH_0078	NG & G	E52 + NG/G	CAR	T	T
BOSCH EDC16+ CP31 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0088	NG & G	E67 + NG/G	CAR	P	P
BOSCH EDC16+ U31 ECUs CAN (injector-pump engines)	Diesel	FLASH_0153	NG & G	E67 + NG/G	CAR	T	T
<b>DUCATI</b>							
MARELLI IAW 59M/5AM ECUs K-LINE	Gasoline	FLASH_0146	NG & G	NG/G	BIKE	T	T
MARELLI IAW 5SM ECUs K-LINE	Gasoline	FLASH_0166	NG	NG	BIKE	T	T
<b>FERRARI</b>							
BOSCH ME7.3.1, ME3.1, ME2.1, ME7.3H4 hybrid ECUs K-LINE	Gasoline	FLASH_0018	NG & G	E51	CAR	T	T
BOSCH ME7.1.1, ME7.3.2 ECUs K-LINE	Gasoline	FLASH_0118	NG & G	E89	CAR	CF	T
<b>FIAT GROUP (FIAT/ALFA ROMEO/LANCIA)</b>							
BOSCH ME7.3.1, ME3.1, ME2.1, ME7.3H4 hybrid ECUs K-LINE	Gasoline	FLASH_0018	NG & G	E38/E44	CAR	T	T
BOSCH M1.5.5 hybrid ECUs K-LINE	Gasoline	FLASH_0001	NG & G	RACE EVO	CAR	CF	T
BOSCH ME7.6.1 ECUs K-LINE	Gasoline	FLASH_0136	NG & G	E91	CAR	CF	T
BOSCH ME7.6.2 ECUs K-LINE	Gasoline	FLASH_0137	NG & G	E93	CAR	CF	T
BOSCH ME7.9.10 ECUs CAN/K-LINE	Gasoline	FLASH_0129	NG & G	E91	CAR	CF	T
BOSCH MED17.3 ECUs K-LINE	Gasoline	FLASH_0204	NG	E94	CAR	P	P

MANUFACTURER/ECU DESCRIPTION	FUEL:	PROTOCOL CODE	SUPPORTED BY	CHECKSUM REC.	VEHICLE CAT.	READING	WRITING
	Gasoline		NG = New Genius	EXX = Algorithm		P = Partial	P = Partial
	Diesel		G = Genius	Race Evo = Linear		T = Total	T = Total
			NG & G = All	NG/G = New Genius/Genius Console		CF = Not Avail. (Verification for certified stock file by ID)	
BOSCH MED17.3 TC1766 IROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
MARELLI IAW 4AF/59F/5AF/5NF hybrid ECUs K-LINE	Gasoline	FLASH_0034	NG & G	NG/G	CAR	T	P
MARELLI IAW 4SF/4SGF/4DF hybrid ECUs K-LINE	Gasoline	FLASH_0108	NG	NG/G	CAR	P	P
MARELLI IAW 5SF/5SF8/5SF9 ECUs CAN	Gasoline	FLASH_0143	NG & G	E101 + NG/G	CAR	CF	T
BOSCH EDC15 C5 ECUs K-LINE (Euro2 common rail engines)	Diesel	FLASH_0021	NG & G	E02	CAR	T	T
BOSCH EDC15 C6/7 ECUs K-LINE (Euro3 common rail engines)	Diesel	FLASH_0022	NG & G	E05	CAR/LCV	T	T
BOSCH EDC16 ECUs K-LINE (1.9/2.4 common rail multijet engines)	Diesel	FLASH_0056	NG & G	E52 + NG/G	CAR	T	T
BOSCH EDC16+ ECUs CAN/K-LINE (1.9/2.4 common rail multijet engines)	Diesel	FLASH_0076	NG & G	E67 + NG/G	CAR/LCV	P	P
MARELLI IAW MJT ECUs K-LINE (1.3 common rail engines)	Diesel	FLASH_0061	NG & G	NG/G	CAR	P	P
MARELLI IAW MJD6F3 ECUs CAN/K-LINE (1.3 common rail multijet engines)	Diesel	FLASH_0095	NG & G	NG/G	CAR	T	T
VISTEON DCU 102 ECUs K-LINE	Diesel	FLASH_0182	NG	E92	CAR/LCV	CF	T
<b>FORD/FORD USA</b>							
FORD EEC-VI ECUs	Gasoline	FLASH_0207	NG	-	CAR		
SIEMENS SIM 19/2X/210 EMS 2102/2103 ECUs CAN	Gasoline	FLASH_0192	NG	E56	CAR	P	P
SIEMENS SIM 21/22/210/28/29 ECUs CAN	Gasoline	FLASH_0176	NG	E56	CAR	P	P
BOSCH EDC15 VM+ ECUs K-LINE (1.9 turbo diesel engines)	Diesel	FLASH_0015	NG & G	E13/E40	CAR	T	T
BOSCH EDC16+ C34 ECUs CAN (common rail engines)	Diesel	FLASH_0097	NG & G	E67 + NG/G	CAR	P	P
BOSCH EDC16 C3 ECUs CAN (common rail engines)	Diesel	FLASH_0152	NG & G	E52 + NG/G	CAR	T	T
BOSCH EDC16+ CP39 ECUs CAN (common rail engines)	Diesel	FLASH_0206	NG	E67 + NG/G	CAR	P	P
Upd DELPHI/EEC V/VISTEON ECUs J1850 LINE	Diesel	FLASH_0092	NG	E62	CAR	T	T
MARELLI IAW MJD6F3 ECUs CAN (1.3 common rail engines)	Diesel	FLASH_0191	NG	NG	CAR	CF	T
SIEMENS SID803A/SID202 ECUs CAN (common rail engines)	Diesel	FLASH_0155	NG & G	E68	CAR	P	P
SIEMENS SID206 ECUs CAN (common rail engines)	Diesel	FLASH_0156	NG & G	E68	CAR	P	P
SIEMENS SID803 ECUs CAN (common rail engines)	Diesel	FLASH_0157	NG & G	E68	CAR	T	T
SIEMENS SID802/804 ECUs CAN (common rail engines)	Diesel	FLASH_0158	NG & G	E47	CAR	T	T
SIEMENS SID206 ECUs Model Year 08 CAN (common rail engines)	Diesel	FLASH_0183	NG	E68	CAR	P	P
New SIEMENS SID901 ECUs CAN	Diesel	FLASH_0225	NG	E47	CAR		
<b>GWM - GREAT WALL MOTOR</b>							
BOSCH EDC16+ C39 ECUs K-LINE (common rail engines)	Diesel	FLASH_0131	NG & G	E67 + NG/G	CAR	CF	P
<b>HONDA</b>							
BOSCH EDC15 C7 ECUs K-LINE (common rail 1.7 engines)	Diesel	FLASH_0049	NG & G	E50	CAR	T	T
BOSCH EDC16 C1-7 ECUs K-LINE (common rail 2.2 engines)	Diesel	FLASH_0141	NG & G	E52 + NG/G	CAR	T	T
<b>HYUNDAI/KIA</b>							
BOSCH EDC15 C7 ECUs K-LINE (common rail engines)	Diesel	FLASH_0014	NG & G	E05	CAR/LCV	T	T
BOSCH EDC16+ ECUs K-LINE (common rail engines)	Diesel	FLASH_0077	NG & G	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC16+ CP34 ECUs K-LINE (common rail engines)	Diesel	FLASH_0231	NG	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC17 C08/CP14 ECUs CAN (common rail engines)	Diesel	FLASH_0214	NG	E94	CAR/LCV	CF	P
BOSCH EDC17 C08 TC1766 (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH EDC17 CP14 TC1796 IROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
DELPHI ECUs K-LINE (common rail engines)	Diesel	FLASH_0054	NG & G	E31	CAR/LCV	P	P
<b>LAMBORGHINI</b>							
BOSCH ME9.1.1 Master/Slave ECUs CAN (V10 engines)	Gasoline	FLASH_0145	NG & G	E85	CAR	T	T
<b>LAND ROVER</b>							
BOSCH EDC16+ CP39 ECUs CAN (common rail engines)	Diesel	FLASH_0154	NG & G	E67 + NG/G	CAR	P	P
SIEMENS SID 201/203/204 ECUs CAN (common rail engines)	Diesel	FLASH_0094	NG & G	E68	CAR	CF	P
VISTEON FO.MO.CO ECUs CAN (common rail engines)	Diesel	FLASH_0135	NG & G	E92	CAR/LCV	P	P
<b>MASERATI</b>							
BOSCH ME7.1.1, ME7.3.2 ECUs K-LINE	Gasoline	FLASH_0118	NG & G	E89	CAR	CF	T
<b>MERCEDES</b>							
BOSCH ME2.0/ME2.1 ECUs K-LINE	Gasoline	FLASH_0159	NG	E09	CAR		
BOSCH ME2.7/ME2.8 ECUs K-LINE	Gasoline	FLASH_0041	NG & G	E16	CAR	CF	T
SIEMENS 5WK9 SIM4LE ECUs K-LINE	Gasoline	FLASH_0120	NG & G	E35	CAR	T	T
SIEMENS SIM4LKE ECUs K-LINE	Gasoline	FLASH_0149	NG & G	E89	CAR	P	P

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	Diesel		G = Genius	Race Evo = Linear		T = Total	T = Total
			NG & G = All	NG/G = New Genius/Genius Console		CF = Not Avail. (Verification for certified stock file by ID)	
BOSCH EDC15 C5 ECUs K-LINE (Euro 2 common rail engines)	Diesel	FLASH_0023	NG & G	E02	CAR/LCV	T	T
BOSCH EDC15 C6 ECUs K-LINE (Euro 3 common rail engines)	Diesel	FLASH_0012	NG & G	E05	CAR/LCV	T	T
BOSCH EDC16 ECUs K-LINE (Euro 4 common rail engines)	Diesel	FLASH_0074	NG & G	E52	CAR/LCV	T	T
BOSCH EDC16+ C32 ECUs CAN (Euro 4/Euro 5 common rail 4 cyl. engines)	Diesel	FLASH_0081	NG & G	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC16+ CP31/CP36 ECUs CAN/K-LINE (Euro 4/Euro 5 common rail V6/V8 engines)	Diesel	FLASH_0089	NG & G	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC17 CP01 TC1796 IROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH EDC17 CP10 TC1796 & XROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
<b>MINI</b>							
BOSCH MED172/MEV172 ECUs CAN/K-LINE	Gasoline	FLASH_0167	NG	E94	CAR	P	P
BOSCH MED17.2 TC1766 IROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH MED17.2 TC1796 & XROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH MEV17.2 TC1766 IROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH MEV17.2 TC1796 & XROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
SIEMENS EMS2 ECUs K-LINE	Gasoline	FLASH_0009	NG & G	E29	CAR	P	P
BOSCH DDE4.0 EC15 ECUs K-LINE (common rail engines)	Diesel	FLASH_0005	NG & G	E03	CAR	P	P
BOSCH EDC16+C35 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0064	NG & G	E67	CAR	P	P
<b>MITSUBISHI</b>							
BOSCH EDC15 C2 ECUs K-LINE (common rail engines)	Diesel	FLASH_0013	NG & G	E05	CAR/LCV	T	T
BOSCH EDC16+ C31/EDG16C3X ECUs CAN (common rail engines)	Diesel	FLASH_0133	NG & G	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC16+ U31 ECUs CAN (injector-pump engines)	Diesel	FLASH_0153	NG & G	E67 + NG/G	CAR	T	T
BOSCH EDC17 CP15 TC1766 IROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
<b>MV AGUSTA</b>							
MARELLI IAW 5SM ECUs K-LINE	Gasoline	FLASH_0166	NG	NG	BIKE	T	T
<b>NISSAN</b>							
BOSCH EDC15 C2 ECUs K-LINE (turbo diesel Tddi engines)	Diesel	FLASH_0020	NG & G	E36	CAR/LCV	T	T
BOSCH EDC16+ CP33 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0144	NG	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC16+ C36/CP33 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0105	NG	E67 + NG/G	CAR	P	P
DELPHI DDCR ECUs K-LINE (1.5 common rail engines)	Diesel	FLASH_0055	NG & G	E31	CAR	P	P
DELPHI DCM 1.2 ECUs CAN/K-LINE (1.5 common rail engines)	Diesel	FLASH_0057	NG & G	E31	CAR	P	P
SIEMENS SID301 ECUs CAN (1.5 common rail engines)	Diesel	FLASH_0100	NG & G	E83	CAR	P	P
<b>OPEL GM/VAUXHALL/SATURN/HOLDEN/CHEVROLET</b>							
BOSCH M1.5.5 hybrid ECUs K-LINE	Gasoline	FLASH_0178	NG	E17	CAR	T	T
BOSCH ME1.5.5 hybrid ECUs K-LINE	Gasoline	FLASH_0179	NG	E57	CAR	T	T
BOSCH ME9.1/ME9.5 ECUs CAN	Gasoline	FLASH_0201	NG	E105	CAR	P	P
BOSCH ME7.6.2/ME7.6.3 ECUs CAN	Gasoline	FLASH_0202	NG	E105	CAR	T	T
BOSCH ME7.6.1/ME7.9.6 ECUs K-LINE (8Mbit Eprom)	Gasoline	FLASH_0223	NG	E57	CAR		
SIEMENS SIMTEC 71/90 ECUs K-LINE	Gasoline	FLASH_0224	NG	E108	CAR		
BOSCH EDC15M ECUs K-LINE (turbo diesel Di-Dti engines)	Diesel	FLASH_0026	NG & G	E01	CAR	CF	T
BOSCH EDC16 C9 ECUs CAN (common rail engines)	Diesel	FLASH_0090	NG & G	E52 + NG/G	CAR/LCV	CF	T
BOSCH EDC16+ C39 ECUs CAN (common rail engines)	Diesel	FLASH_0126	NG & G	E67 + NG/G	CAR	P	P
BOSCH EDC16+ C39 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0127	NG & G	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC17 CP19 TC1796 IROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
DELPHI hybrid ECUs K-LINE (1.7 turbo diesel Di-Dti engines)	Diesel	FLASH_0031	NG & G	E59	CAR	T	T
DELPHI hybrid ECUs K-LINE (1.7 common rail engines)	Diesel	FLASH_0113	NG & G	E59	CAR	T	T
MARELLI IAW MJD6JF ECUs K-LINE (1.3 common rail engines)	Diesel	FLASH_0067	NG & G	RACE EVO	CAR	P	P
MARELLI IAW MJD6F3/6O203D ECUs CAN/K-LINE (1.3 common rail engines)	Diesel	FLASH_0104	NG	RACE EVO	CAR	T	T
<b>POLARIS SNOWMOBILE</b>							
BOSCH M7.4.4/ME7.4.4 K-LINE	Gasoline	FLASH_0032	NG & G	E71	BIKE	T	T
<b>PORSCHE</b>							
BOSCH ME7.2 ECUs K-LINE	Gasoline	FLASH_0048	NG & G	E27	CAR	T	T
BOSCH ME7.8 ECUs K-LINE	Gasoline	FLASH_0053	NG & G	E27	CAR	P	P
BOSCH M5.2.2 ECUs K-LINE	Gasoline	FLASH_0080	NG & G	E72	CAR	P	P

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	Gasoline		NG = New Genius	EXX = Algorithm		P = Partial	P = Partial
	Diesel		G = Genius	Race Evo = Linear		T = Total	T = Total
			NG & G = All	NG/G = New Genius/Genius Console		CF = Not Avail. (Verification for certified stock file by ID)	
BOSCH ME7.8.1 ECUs K-LINE	Gasoline	FLASH_0132	NG & G	E27	CAR	CF	T
BOSCH ME7.8.2 ECUs K-LINE	Gasoline	FLASH_0161	NG	E87	CAR	CF	T
BOSCH ME7.x ECUs K-LINE (4 Mbit eeprom)	Gasoline	FLASH_0028	NG & G	E21	CAR	T	T
BOSCH ME9.1.1 ECUs CAN/K-LINE	Gasoline	FLASH_0107	NG & G	E85	CAR	T	T
CONTINENTAL SDI3 ECUs CAN	Gasoline	FLASH_0171	NG	E96	CAR	P/T	P/T
SIEMENS VDO SDI4 ECUs CAN	Gasoline	FLASH_0160	NG & G	E96	CAR	P/T	P/T
BOSCH EDC17 CP14 TC1796 & XROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
<b>PSA GROUP (PEUGEOT/CITROËN)</b>							
BOSCH ME7.4.4 ECUs K-LINE	Gasoline	FLASH_0062	NG & G	E32	CAR	P	P
BOSCH ME7.4.5 ECUs CAN/K-LINE	Gasoline	FLASH_0111	NG & G	E88	CAR	P	P
BOSCH MED17.4/MEV17.4 ECUs CAN	Gasoline	FLASH_0175	NG	E94	CAR	P/T	P/T
BOSCH MED17.4 TC1766 IROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH MED17.4 TC1796 & XROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH MEV17.4 TC1796 IROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
MARELLI IAW 6LP ECUs CAN/K-LINE	Gasoline	FLASH_0083	NG	E74	CAR	P	P
New MARELLI IAW 48P2 K-LINE	Gasoline	FLASH_0079	NG	-	CAR		
VALEO JOHNSON J34P ECUs K-LINE	Gasoline	FLASH_0181	NG	NG	CAR	P	P
BOSCH EDC15 C2 ECUs K-LINE (common rail engines)	Diesel	FLASH_0038	NG & G	E05	CAR	T	T
BOSCH EDC16 C0/C3 ECUs K-LINE (common rail engines)	Diesel	FLASH_0070	NG & G	E52 + NG/G	CAR	P	P
BOSCH EDC16 C34/5.90 ECUs CAN (common rail engines)	Diesel	FLASH_0222	NG	E67 + NG/G	CAR		
BOSCH EDC16+ C34/C39 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0075	NG & G	E67 + NG/G	CAR	P	P
BOSCH EDC16+ CP39 ECUs CAN (common rail engines)	Diesel	FLASH_0150	NG & G	E67 + NG/G	CAR	P	P
DELPHI DDCR ECUs K-LINE (common rail engines)	Diesel	FLASH_0177	NG	E100	CAR	P	P
DELPHI DCM 3.4 ECUs CAN (common rail engines)	Diesel	FLASH_0188	NG	E100	CAR	P	P
DELPHI DCM 3.5 ECUs CAN (common rail engines)	Diesel	FLASH_230	NG	E100	CAR	P	P
SIEMENS SID803/803A/201 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0106	NG & G	E68	CAR	CF	T
SIEMENS SID80X ECUs CAN/K-LINE (4 Mbit eeprom)	Diesel	FLASH_0184	NG	E26	CAR	CF	P
<b>RENAULT/DACIA</b>							
SIEMENS SIRIUS 32/34 ECUs K-LINE	Gasoline	FLASH_0035	NG & G	E25/E28	CAR	P	P
SAGEM3000 ECUs CAN/K-LINE	Gasoline	FLASH_0084	NG & G	E73	CAR	P	P
MARELLI IAW 5NR ECUs K-LINE	Gasoline	FLASH_0122	NG & G	NG/G	CAR	T	T
SAGEM SIM32 ECUs CAN	Gasoline	FLASH_0151	NG & G	E73	CAR	P	P
BOSCH EDC15 C2 ECUs K-LINE (common rail engines)	Diesel	FLASH_0013	NG & G	E05	CAR/LCV	T	T
BOSCH EDC16 C0/C3 ECUs K-LINE (common rail engines)	Diesel	FLASH_0071	NG & G	E52 + NG/G	CAR/LCV	P	P
BOSCH EDC16+ C36/CP33 ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0105	NG	E67 + NG/G	CAR	P	P
DELPHI DDCR ECUs K-LINE (1.5 common rail engines)	Diesel	FLASH_0055	NG & G	E31	CAR	P	P
DELPHI DCM 1.2 ECUs CAN/K-LINE (1.5 common rail engines)	Diesel	FLASH_0057	NG & G	E31	CAR	P	P
Upd SIEMENS SID301/305 ECUs CAN (1.5 common rail engines)	Diesel	FLASH_0100	NG	E83	CAR	P	P
<b>ROVER/LAND ROVER</b>							
BOSCH DDE4.0 EC15 ECUs K-LINE (common rail engines)	Diesel	FLASH_0005	NG & G	E03	CAR	P	P
New DENSO ECUs CAN (4.2 supercharged engines)	Gasoline	FLASH_0232	NG	-	CAR		
MEMS NNN ECUs KLINE (turbo diesel TD5 injector-pump engines)	Diesel	FLASH_0047	NG & G	E61	CAR	P	P
<b>SAAB</b>							
TRIONIC T8 ECUs	Gasoline	FLASH_0205	NG	E107	CAR		
BOSCH EDC16+ C39 ECUs CAN/K-LINE (Saab 9.3 common rail engines)	Diesel	FLASH_0127	NG & G	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC16+ C39 ECUs CAN/K-LINE (Saab 9.5 common rail engines)	Diesel	FLASH_0130	NG & G	E67 + NG/G	CAR/LCV	P	P
<b>SMART</b>							
BOSCH MEG 1.0/1.1 ECUs K-LINE	Gasoline	FLASH_0025	NG & G	E45/E53	CAR	CF	T
BOSCH EDC15 C5 ECUs K-LINE (common rail engines)	Diesel	FLASH_0024	NG & G	E10	CAR	T	T
BOSCH EDC16+ C31/EDG16C3X ECUs CAN (common rail engines)	Diesel	FLASH_0133	NG & G	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC16+ CP32 ECUs CAN (common rail engines)	Diesel	FLASH_0134	NG & G	E67 + NG/G	CAR/LCV	CF	T
<b>SSANGYONG</b>							
DELPHI DCM ECUs K-LINE (common rail engines)	Diesel	FLASH_0109	NG & G	E65	CAR	T	T

MANUFACTURER/ECU DESCRIPTION	FUEL:	PROTOCOL CODE	SUPPORTED BY	CHECKSUM REC.	VEHICLE CAT.	READING	WRITING
	Gasoline		NG = New Genius	EXX = Algorithm		P = Partial	P = Partial
	Diesel		G = Genius	Race Evo = Linear		T = Total	T = Total
			NG & G = All	NG/G = New Genius/Genius Console		CF = Not Avail. (Verification for certified stock file by ID)	
DELPHI DCM3.2 ECUs K-LINE (common rail engines)	Diesel	FLASH_0124	NG & G	E81	CAR	T	T
<b>SUZUKI</b>							
BOSCH EDC15 C2 ECUs K-LINE (common rail engines)	Diesel	FLASH_0038	NG & G	E05	CAR	T	T
BOSCH EDC16C0/C3 ECUs (common rail engines)	Diesel	FLASH_0086	NG & G	E52 + NG/G	CAR/LCV	P	P
DELPHI DCM 1.2 ECUs K-LINE (1.5 common rail engines)	Diesel	FLASH_0112	NG & G	E31	CAR	P	P
MARELLI IAW MJD6JF ECUs K-LINE (1.3 common rail engines)	Diesel	FLASH_0067	NG & G	RACE EVO	CAR	P	P
<b>TOYOTA</b>							
BOSCH EDC15 C9 ECUs K-LINE (1.4 D4-D common rail engines)	Diesel	FLASH_0052	NG & G	E05	CAR	T	T
<b>VAG GROUP (VOLKSWAGEN/AUDI/SEAT/SKODA)</b>							
BOSCH ME7.x ECUs K-LINE (4 Mbit eeprom)	Gasoline	FLASH_0028	NG & G	E21	CAR	T	T
BOSCH ME7.x ECUs K-LINE (8 Mbit eeprom)	Gasoline	FLASH_0029	NG & G	E42	CAR	T	T
BOSCH ME9.5 ECUs CAN (FSI engines)	Gasoline	FLASH_0087	NG & G	E58/E85	CAR	T	T
BOSCH ME9.1 ECUs CAN (TFSI engines)	Gasoline	FLASH_0091	NG & G	E58/E85	CAR	T	T
BOSCH ME7.1.1/ME7.5 ECUs CAN/K-LINE	Gasoline	FLASH_0082	NG & G	E42/E84	CAR	T	T
BOSCH ME9.1.1 ECUs CAN/K-LINE	Gasoline	FLASH_0107	NG & G	E85	CAR	T	T
BOSCH ME9.1.1 Master/Slave ECUs CAN (V8/V10 FSI engines)	Gasoline	FLASH_0145	NG & G	E85	CAR	T	T
BOSCH ME7.1.1 Master/Slave ECUs K-LINE (W12 engines)	Gasoline	FLASH_0197	NG	E21/E42/E84	CAR	T	T
BOSCH MED17.5.X ECUs CAN	Gasoline	FLASH_0163	NG	E94	CAR	P	P
BOSCH MED17.1 TC1796 & IROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH MED17.5 TC1766 IROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH MED17.5.1 TC1796 & XROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH MED17.5.20 TC1766 IROM (BOOT)**	Gasoline	FLASH_0310	NG	E94	CAR	P/T	P/T
MARELLI IAW 4MV ECUs KLINE	Gasoline	FLASH_0085	NG	E101	CAR		
MARELLI IAW 4BV-4SV ECUs KLINE	Gasoline	FLASH_0185	NG	E101	CAR		
MARELLI IAW 4TV ECUs KLINE	Gasoline	FLASH_0186	NG	E101	CAR		
MARELLI IAW 4AVP ECUs KLINE	Gasoline	FLASH_0203	NG	E101	CAR		
BOSCH EDC15 VM+ ECUs K-LINE (1.9 turbo diesel engines)	Diesel	FLASH_0015	NG & G	E13/E40	CAR	T	T
BOSCH EDC15 VM+ ECUs K-LINE (2.5 V6 turbo diesel engines 4 Mbit eeprom)	Diesel	FLASH_0016	NG & G	E13/E40	CAR	T	T
BOSCH EDC15 P+ ECUs K-LINE (1.4/1.9 injector-pump engines)	Diesel	FLASH_0017	NG & G	E13/E40	CAR	T	T
BOSCH EDC15 VM+ ECUs K-LINE (2.5 V6 turbo diesel engines 8 Mbit eeprom)	Diesel	FLASH_0030	NG & G	E13/E40	CAR	T	T
BOSCH EDC16 U/2.1 ECUs K-LINE (injector-pump engines)	Diesel	FLASH_0068	NG & G	E52 + NG/G	CAR/LCV	T	T
BOSCH EDC16 U/2.1 Master/Slave ECUs K-LINE (V10 injector-pump eng.)	Diesel	FLASH_0139	NG & G	E52 + NG/G	CAR/LCV	T	T
BOSCH EDC16+ U31/U34 ECUs CAN/K-LINE (injector-pump engines)	Diesel	FLASH_0072	NG & G	E67 + NG/G	CAR/LCV	P	P
BOSCH EDC16+ CP34 ECUs CAN/K-LINE (injector-pump engines)	Diesel	FLASH_0073	NG & G	E67 + NG/G	CAR	P	P
BOSCH EDC16+ U31/U34 Master/Slave ECUs CAN (V10 injector-pump eng.)	Diesel	FLASH_0140	NG & G	E67 + NG/G	CAR	P	P
BOSCH EDC16+ CP34 Master/Slave ECUs CAN (V8 injector-pump engines)	Diesel	FLASH_0164	NG & G	E67 + NG/G	CAR	P	P
BOSCH EDC17 CP04/CP14/CP14 external flash ECUs CAN/K-LINE (common rail engines)	Diesel	FLASH_0148	NG	E94	CAR	P	P
BOSCH EDC17 U01 ECUs CAN/K-LINE	Diesel	FLASH_0190	NG	E94	CAR	P	P
BOSCH EDC17 CP04 TC1796 IROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH EDC17 CP14 TC1796 & XROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH EDC17 CP14 TC1796 IROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH EDC17 CP20 TC1796 & IROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH EDC17 CP24 TC1796 & XROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
BOSCH EDC17 U1 TC1766 IROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T
SIEMENS PPD1.XX ECUs K-LINE (injector-pump engines)	Diesel	FLASH_0123	NG & G	E69	CAR/LCV	P	P
<b>VOLVO</b>							
BOSCH EDC15 C2 ECUs K-LINE (1.9 common rail engines)	Diesel	FLASH_0013	NG & G	E05	CAR/LCV	T	T
BOSCH EDC16+ C31 ECUs K-LINE (2.4 D5 common rail engines)	Diesel	FLASH_0093	NG & G	E67 + NG/G	CAR	P	P
BOSCH EDC17 CP22 TC1796 & XROM (BOOT)**	Diesel	FLASH_0310	NG	E94	CAR	P/T	P/T

MANUFACTURER/ECU DESCRIPTION	FUEL:	PROTOCOL CODE	SUPPORTED BY	CHECKSUM REC.	VEHICLE CAT.	READING	WRITING
	Gasoline		NG = New Genius	EXX = Algorithm		P = Partial	P = Partial
	Diesel		G = Genius	Race Evo = Linear		T = Total	T = Total
			NG & G = All	NG/G = New Genius/Genius Console		CF = Not Avail. (Verification for certified stock file by ID)	

## HEAVY DUTY TRUCK/TRACTOR ECU APPLICATION LIST

### CASE TRACTORS

BOSCH MS6.2 ECUs K-LINE	Diesel	FLASH_0036	NG & G	RACE EVO	TRUCK/AGR	P	P
BOSCH EDC7 C1/C2 ECUs K-LINE	Diesel	FLASH_0066	NG & G	RACE EVO	TRUCK/AGR	P	P
BOSCH EDC7 UC31 ECUs K-LINE	Diesel	FLASH_0116	NG & G	E67 + NG/G	AGR	P	P
BOSCH EDC7 UC31/EDC16 C39 ECUs K-LINE	Diesel	FLASH_0117	NG & G	E67 + NG/G	AGR	P	P
BOSCH EDC7 UC31 ECUs CAN/K-LINE	Diesel	FLASH_0200	NG	E67	AGR	P	P
MOTOROLA CM850 ECUs CAN (Cummins systems)	Diesel	FLASH_0211	NG	RACE EVO	AGR	T	T

### CLAAS/JAGUAR TRACTORS

TEMIC ECUs K-LINE	Diesel	FLASH_0011	NG & G	E54	TRUCK/AGR	T	T
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### DAF TRUCKS

BOSCH MS6.2 ECUs K-LINE	Diesel	FLASH_0040	NG & G	RACE EVO	TRUCK	P	P
BOSCH ECSDC3 ECUs CAN (Cummins systems)	Diesel	FLASH_0119	NG	RACE EVO	TRUCK	P	P
DELPHI DDMI ECUs K-LINE	Diesel	FLASH_0121	NG & G	RACE EVO	TRUCK	P	P
MOTOROLA CM850 ECUs CAN (Cummins systems)	Diesel	FLASH_0208	NG	RACE EVO	TRUCK	T	T

### DEUTZ TRACTORS

BOSCH EDC7 UC31/EDC16 U40 ECUs K-LINE	Diesel	FLASH_0209	NG	E67	AGR	T	T
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### DOOSAN

BOSCH EDC7 C1/C2 ECUs K-LINE	Diesel	FLASH_0138	NG & G	E52	TRUCK	P/T	P/T
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### FENDT TRACTORS

BOSCH MS6.4 ECUs K-LINE	Diesel	FLASH_0044	NG & G	RACE EVO	TRUCK/AGR	P	P
BOSCH EDC7 UC31/EDC16 U40 ECUs K-LINE	Diesel	FLASH_0209	NG	E67	AGR	T	T

### FORD TRUCKS

BOSCH EDC7 C1/C2 ECUs CAN (Cummins applications)	Diesel	FLASH_0198	NG	RACE EVO	TRUCK	T	T
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### IVECO/ASTRA TRUCKS

BOSCH MS6.2 ECUs K-LINE	Diesel	FLASH_0036	NG & G	RACE EVO	TRUCK/AGR	P	P
BOSCH MS6.3 ECUs K-LINE	Diesel	FLASH_0037	NG & G	RACE EVO	LCV	P	P
BOSCH EDC16 C8 K-LINE	Diesel	FLASH_0065	NG & G	E52	LCV	P	P
BOSCH EDC7 C1/C2 ECUs K-LINE	Diesel	FLASH_0066	NG & G	RACE EVO	TRUCK/AGR	P	P
BOSCH EDC16+ C39 ECUs K-LINE	Diesel	FLASH_0098	NG & G	E67	LCV	P	P
BOSCH EDC7 UC31 ECUs K-LINE	Diesel	FLASH_0099	NG & G	E67	TRUCK	P	P

### JCB

New! MOTOROLA CM850 ECUs CAN	Diesel	FLASH_0227	NG	-	AGR		
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### JOHN DEERE

PHOENIX (L4/L6/L9/L11/L12/L14/L14 IV/L14 VI/L15/L16 ECUs) CAN	Diesel	FLASH_0196	NG	-	AGR		
New! MOTOROLA CM850 ECUs CAN	Diesel	FLASH_0226	NG	-	AGR		

### LANDINI TRACTORS

BOSCH EDC7 UC31 ECUs K-LINE	Diesel	FLASH_0116	NG & G	E67 + NG/G	AGR	P	P
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### MAN TRUCKS

BOSCH MS6.1 ECUs K-LINE	Diesel	FLASH_0043	NG & G	RACE EVO	TRUCK	P	P
BOSCH MS6.4 ECUs K-LINE	Diesel	FLASH_0044	NG & G	RACE EVO	TRUCK/AGR	P	P
BOSCH EDC7 C3 ECUs K-LINE	Diesel	FLASH_0069	NG & G	E66	TRUCK	P	P
BOSCH EDC7+/C32 ECUs K-LINE	Diesel	FLASH_0101	NG & G	E67	TRUCK	P	P

### MC CORMICK

BOSCH EDC7 UC31 ECUs K-LINE	Diesel	FLASH_0116	NG & G	E67 + NG/G	AGR	P	P
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### MERCEDES TRUCKS

TEMIC ECUs K-LINE (BOOT)**	Diesel	FLASH_0011	NG & G	E54	TRUCK/AGR	T	T
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### NEW HOLLAND TRACTORS

BOSCH MS6.2 ECUs K-LINE	Diesel	FLASH_0036	NG & G	RACE EVO	TRUCK/AGR	P	P
BOSCH MS6.4 ECUs K-LINE	Diesel	FLASH_0059	NG & G	RACE EVO	AGR	P	P
BOSCH EDC7 C1/C2 ECUs K-LINE	Diesel	FLASH_0066	NG & G	RACE EVO	TRUCK/AGR	P	P

MANUFACTURER/ECU DESCRIPTION	FUEL:	PROTOCOL CODE	SUPPORTED BY	CHECKSUM REC.	VEHICLE CAT.	READING	WRITING
	Gasoline		NG = New Genius	EXX = Algorithm		P = Partial	P = Partial
	Diesel		G = Genius	Race Evo = Linear		T = Total	T = Total
			NG & G = All	NG/G = New Genius/Genius Console		CF = Not Avail. (Verification for certified stock file by ID)	
BOSCH EDC7 UC31 ECUs K-LINE	Diesel	FLASH_0116	NG & G	E67 + NG/G	AGR	P	P
BOSCH EDC7 UC31/EDC16 C39 ECUs K-LINE	Diesel	FLASH_0117	NG & G	E67 + NG/G	AGR	P	P
BOSCH EDC7 UC31 ECUs CAN/K-LINE	Diesel	FLASH_0200	NG	E67	AGR	P	P
BOSCH EDC7 UC31/EDC16 U40 ECUs K-LINE	Diesel	FLASH_0209	NG	E67	AGR	T	T
MOTOROLA CM850 ECUs CAN (Cummins systems)	Diesel	FLASH_0211	NG	RACE EVO	AGR	T	T
<b>RENAULT TRUCKS</b>							
BOSCH MS6.3 ECUs K-LINE	Diesel	FLASH_0042	NG & G	RACE EVO	TRUCK	P	P
BOSCH MS6.2 ECUs K-LINE	Diesel	FLASH_0045	NG & G	RACE EVO	TRUCK	P	P
BOSCH MS6.3 2800 ECUs K-LINE	Diesel	FLASH_0051	NG & G	RACE EVO	TRUCK	P	P
TRW EMS2 ECUs J1708	Diesel	FLASH_0102	NG & G	E80	TRUCK	P	P
TRW EMS2 ECUs J1708 (specific for DXI12 engines)	Diesel	FLASH_0103	NG & G	E80	TRUCK	P	P
<b>SAME TRACTORS</b>							
BOSCH EDC7 UC31/EDC16 U40 ECUs K-LINE	Diesel	FLASH_0209	NG	E67	AGR	T	T
<b>SCANIA TRUCKS</b>							
BOSCH MS6.2 ECUs K-LINE	Diesel	FLASH_0039	NG & G	RACE EVO	TRUCK	P	P
EMS S6/7 ECUs CAN/K-LINE	Diesel	FLASH_0114	NG & G	E64	TRUCK	P/T	P/T
<b>SISU TRACTORS</b>							
BOSCH EDC7 UC31 ECUs CAN/K-LINE	Diesel	FLASH_0200	NG	E67	AGR	P	P
<b>STEYR TRACTORS</b>							
BOSCH EDC7 UC31 ECUs CAN/K-LINE	Diesel	FLASH_0200	NG	E67	AGR	P	P
BOSCH EDC7 UC31/EDC16 C39 ECUs K-LINE	Diesel	FLASH_0117	NG & G	E67 + NG/G	AGR	P	P
<b>VOLKSWAGEN TRUCKS</b>							
BOSCH EDC7 C1/C2 ECUs K-LINE (MWM engines)	Diesel	FLASH_0142	NG & G	E52	TRUCK	P	P
BOSCH EDC7 C1/C2 ECUs CAN (Cummins systems)	Diesel	FLASH_0199	NG	RACE EVO	TRUCK	T	T
MOTOROLA CM850 ECUs CAN (Cummins systems)	Diesel	FLASH_0194	NG	RACE EVO	TRUCK	T	T
<b>VALTRA TRACTORS</b>							
BOSCH EDC7 UC31 ECUs CAN/K-LINE	Diesel	FLASH_0200	NG	E67	AGR	P	P
<b>VOLVO TRUCKS</b>							
LUCAS ECUs J1708 (B/C/D series engines)	Diesel	FLASH_0060	NG & G	E55	TRUCK	P	P
TRW EMS2 ECUs J1708	Diesel	FLASH_0102	NG & G	E80	TRUCK	P	P

<b>NOTES</b>							
<b>**BOSCH MEDC17 BOOTLOADER (ECU WITH LOCKED CPU) SPECIAL APPLICATION FOR NEW GENIUS (OBDII/BOOT) AND TRASDATA (BDM/BOOT):</b>							
BOSCH MEDC17 ECUs - BOOT MODE PROGRAMMING (ECU OPENING REQUIRED)		FLASH_0310	NG	E94	CAR/LCV	P/T	P/T